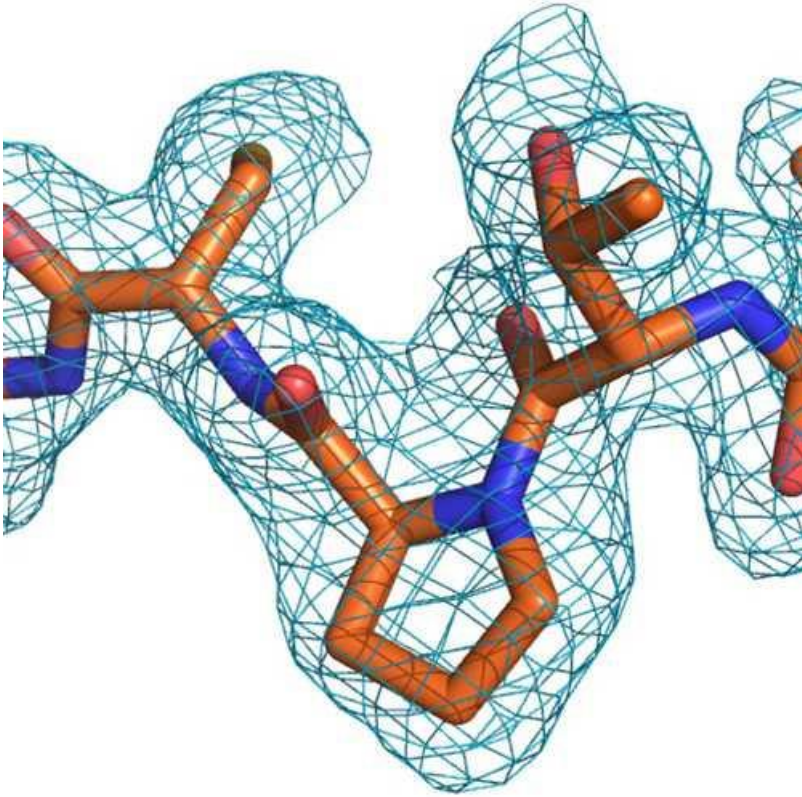


[LOBSTR-BL21\(DE3\)-RIL,4x50UL](#)

[下载为PDF](#)

- 83 次围观

产品图片



产品英文名称

[LOBSTR-BL21\(DE3\)-RIL, 4x50uL](#)

产品别名

[Kerafast独特的生物试剂](#)

货号/SKU

EC1002

货号/规格

4x50uL

库存与交货期

1-2周

人民币价格

9835

人民币价格说明

本商品人民币2024年销售价格正在调整中，请等待更新完毕。

本商品的展示的人民币价格已包含商品本身金额、VAT增值税13%、国际运输运费、国内物流运费、运输保险、以及冷链包装材料（例如液氮罐、泡沫箱、金属桶、蓝冰、湿冰、干冰、蓄冷剂、液氮等）、装卸费、相关资料费、人力支出等一切费用。

本商品的美元价、市场价、零售价、厂商指导价或该商品的曾经展示过的销售价等，并非商品原价，仅供参考。

试剂海关审批

使用人负责A/B风险申请资质

国外采购

支持/部分需签MTA

厂牌

Kerafast, Inc.

品牌

[Kerafast®](#)

产品基础信息

From the laboratory of Thomas U. Schwartz, PhD, Massachusetts Institute of Technology.

产品描述信息

Product Type:

Bacteria

Name:	LOBSTR <i>E. coli</i> Expression Strain
Cell Type:	Chemically competent (CaCl ₂ method)
Organism:	<i>E. coli</i> BL21(DE3)
Competency:	>1x10 ⁶ cfu/ug DNA
Growth Conditions:	Standard <i>E. coli</i> Growth Media (LB, SOC, etc.) at 37C
Transformation:	Standard heatshock protocol (42C for 20 seconds)
Induction:	IPTG up to 1mM
Comments:	Derived from <i>E. coli</i> BL21(DE3)
Storage:	-80C (avoid freeze-thaw cycles)
Shipped:	Dry ice

产品信息

LOBSTR *E. coli* strain characterization Andersen KR, Leksa NC, Schwartz TU. Optimized *E. coli* expression strain LOBSTR eliminates common contaminants from His-tag purification. *Proteins*. 2013 Nov;81(11):1857-61. LOBSTR *E. coli* strain utilization Esra Demircioglu F, Cruz VE, Schwartz TU. Purification and Structural Analysis of SUN and KASH Domain Proteins. *Methods Enzymol*. 2016;569:63-78. View Article Kelley K, Knockenhauer KE, Kabachinski G, Schwartz TU. Atomic structure of the Y complex of the nuclear pore. *Nat Struct Mol Biol*. 2015 May;22(5):425-31. doi: 10.1038/nsmb.2998. Epub 2015 Mar 30. Sosa BA, Demircioglu FE, Chen JZ, Ingram J, Ploegh HL, Schwartz TU. How lamina-associated polypeptide 1 (LAP1) activates Torsin. *Elife*. 2014 Aug 22;3:e03239. doi: 10.7554/eLife.03239. Knockenhauer KE, Schwartz TU. Structural Characterization of Bardet-Biedl Syndrome 9 Protein (BBS9). *J Biol Chem*. 2015 Jun 17. pii: jbc.M115.649202. Saxton RA, Knockenhauer KE, Wolfson RL, Chantranupong L, Pacold ME, Wang T, Schwartz TU, Sabatini DM. Structural basis for leucine sensing by the Sestrin2-mTORC1 pathway. *Science*. 2016 Jan 1;351(6268):53-8. doi: 10.1126/science.aad2087. View Article Saxton RA, Chantranupong L, Knockenhauer KE, Schwartz TU, Sabatini DM. Mechanism of arginine sensing by CASTOR1 upstream of mTORC1. *Nature*. 2016 Aug 11;536(7615):229-33. View Article Huhn AJ, Guerra RM, Harvey EP, Bird GH, Walensky LD. Selective Covalent Targeting of Anti-Apoptotic BFL-1 by Cysteine-Reactive Stapled Peptide Inhibitors. *Cell Chem Biol*. 2016 Sep 7. pii: S2451-9456(16)30289-6. View Article Demircioglu FE, Sosa BA, Ingram J, Ploegh HL, Schwartz TU. Structures of TorsinA and its disease-mutant complexed with an activator reveal the molecular basis for primary dystonia. *Elife*. 2016 Aug 4;5. pii: e17983. View Article Truttmann MC, Cruz VE, Guo X, Engert C, Schwartz TU, Ploegh HL. The *Caenorhabditis elegans* Protein FIC-1 Is an AMPylase That Covalently Modifies Heat-Shock 70 Family Proteins, Translation Elongation Factors and Histones. *PLoS Genet*. 2016 May 3;12(5):e1006023. View Article Saxton RA, Knockenhauer KE, Schwartz TU, Sabatini DM. The apo-structure of the leucine sensor Sestrin2 is still elusive. *Sci Signal*. 2016 Sep 20;9(446):ra92. doi: 10.1126/scisignal.aah4497. PubMed PMID: 27649739; PubMed Central PMCID: PMC5087270. View Article Lawrence KS, Tapley EC, Cruz VE, Li Q, Aung K, Hart KC, Schwartz TU, Starr DA, Engebrecht J. LINC complexes promote homologous recombination in part through inhibition of nonhomologous end joining. *J Cell Biol*. 2016 Dec 19;215(6):801-821. Epub 2016 Dec 12. View Article Kawaharada Y, Nielsen MW, Kelly S, James EK, Andersen KR, Rasmussen SR, Fuchtbauer W, Madsen LH, Heckmann AB, Radutoiu S, Stougaard J. Differential regulation of the Epr3 receptor coordinates membrane-restricted rhizobial colonization of root nodule primordia. *Nat Commun*. 2017 Feb 23;8:14534. doi: 10.1038/ncomms14534. PubMed PMID: 28230048; PubMed Central PMCID: PMC5331223. View Article Sander B, Xu W, Eilers M, Popov N, Lorenz S. A conformational switch regulates the ubiquitin ligase HUWE1. *Elife*. 2017 Feb 14;6. pii: e21036. doi: 10.7554/eLife.21036. PubMed PMID: 28193319; PubMed Central PMCID: PMC5308896. View Article Andersen KR. Insights into Rad3 kinase recruitment from the crystal structure of the DNA damage checkpoint protein Rad26. *J Biol Chem*. 2017 Mar 17. pii: jbc.M117.780189. View Article Harvey EP, Seo HS, Guerra RM, Bird GH, Dhe-Paganon S, Walensky LD. Crystal Structures of Anti-apoptotic BFL-1 and Its Complex with a Covalent Stapled Peptide Inhibitor. *Structure*. 2017 Dec 6. pii: S0969-2126(17)30370-2. View Article Chen X, Nomani A, Patel N, Hatefi A. Production of low-expressing recombinant cationic biopolymers with high purity. *Protein Expr Purif*. 2017 Jun;134:11-17. View Article Smith ML, Cui W, Jackobel AJ, Walker-Kopp N, Knutson BA. Reconstitution of RNA Polymerase I Upstream Activating Factor and the Roles of Histones H3 and H4 in Complex Assembly. *J Mol Biol*. 2018 Jan 29. pii: S0022-2836(18)30006-8. View Article Kenney GE, Dassama LMK, Pandelia ME, Gizzi AS, Martinie RJ, Gao P, DeHart CJ, Schachner LF, Skinner OS, Ro SY, Zhu X, Sadek M, Thomas PM, Almo SC, Bollinger JM Jr., Krebs C, Kelleher NL, Rosenzweig AC. The biosynthesis of methanobactin. *Science*. 2018 Mar 23;359(6382):1411-1416. View Article Pillon MC, Sobhany M, Borgnia MJ, Williams JG, Stanley RE. Grc3 programs the essential endoribonuclease Las1 for specific RNA cleavage. *Proc Natl Acad Sci U S A*. 2017 Jul 11;114(28):E5530-E5538. View Article Chen X, Nomani A, Patel N, Nouri FS, Hatefi A. Bioengineering a non-genotoxic vector for genetic modification of mesenchymal stem cells. *Biomaterials*. 2018 Jan;152:1-14. View Article Hackenberg C, Hakanpää J, Cai F, Antonyuk S, Eigner C, Meissner S, Laitaoja M, Jänis J, Kerfeld CA, Dittmann E, Lamzin VS. Structural and functional insights into the unique CBS-CP12 fusion protein family in cyanobacteria. *Proc Natl Acad Sci U S A*. 2018 Jun 18. pii: 201806668. View Article Montón Silva A, Otten C, Biboy J, Breukink E, Van Nieuwenhze M, Vollmer W, den Blaauwen T. The Fluorescent D-Amino Acid NADA as a Tool to Study the Conditional Activity of Transpeptidases in *Escherichia coli*. *Front Microbiol*. 2018 Sep 4;9:2101. View Article Guerra RM, Bird GH, Harvey EP, Dharia NV, Korshavn KJ, Prew

MS, Stegmaier K, Walensky LD. Precision Targeting of BFL-1/A1 and an ATM Co-dependency in Human Cancer. *Cell Rep.* 2018 Sep 25;24(13):3393-3403.e5. View Article

Nemec AA, Peterson AK, Warnock JL, Reed RG, Tomko RJ Jr. An Allosteric Interaction Network Promotes Conformation State-Dependent Eviction of the Nas6 Assembly Chaperone from Nascent 26S Proteasomes. *Cell Rep.* 2019 Jan 8;26(2):483-495.e5. View Article

Nanji T, Liu X, Chew LH, Li FK, Biswas M, Yu ZQ, Lu S, Dong MQ, Du LL, Klionsky DJ, Yip CK. Conserved and unique features of the fission yeast core Atg1 complex. *Autophagy.* 2017;13(12):2018-2027. View Article

Onischenko E, Tang JH, Andersen KR, Knockenhauer KE, Vallotton P, Derrer CP, Kralt A, Mugler CF, Chan LY, Schwartz TU, Weis K. Natively Unfolded FG Repeats Stabilize the Structure of the Nuclear Pore Complex. *Cell.* 2017 Nov 2;171(4):904-917.e19. View Article

Ye Q, Kim DH, Dereli I, Rosenberg SC, Hagemann G, Herzog F, Tóth A, Cleveland DW, Corbett KD. The AAA+ ATPase TRIP13 remodels HORMA domains through N-terminal engagement and unfolding. *EMBO J.* 2017 Aug 15;36(16):2419-2434. View Article

Wiebach V, Mainz A, Siegert MJ, Jungmann NA, Lesquame G, Tirat S, Dreux-Zigha A, Aszodi J, Le Beller D, Süßmuth RD. The anti-staphylococcal lipolanthines are ribosomally synthesized lipopeptides. *Nat Chem Biol.* 2018 Jul;14(7):652-654. View Article

Cruz VE, Schwartz TU. Recombinant Purification of the Periplasmic Portion of the LINC Complex. *Methods Mol Biol.* 2018;1840:17-23. View Article

Demircioglu FE, Zheng W, McQuown AJ, Maier NK, Watson N, Cheeseman IM, Denic V, Egelman EH, Schwartz TU. The AAA + ATPase TorsinA polymerizes into hollow helical tubes with 8.5 subunits per turn. *Nat Commun.* 2019 Jul 22;10(1):3262. View Article

Bilokapic S, Halic M. Nucleosome and ubiquitin position Set2 to methylate H3K36. *Nat Commun.* 2019;10(1):3795. Published 2019 Aug 22. View Article

Obradovic M, Pasternak JA, Hon Ng S, Allan B, Brownlie R, Wilson HL. Immunoproteomic analysis of Lawsonia intracellularis identifies candidate neutralizing antibody targets for use in subunit vaccine development. *Vet Microbiol.* 2019;235:270-279. View article

Sonn-Segev A, Belacic K, Bodrug T, et al. Quantifying the heterogeneity of macromolecular machines by mass photometry. *Nat Commun.* 2020;11(1):1772. Published 2020 Apr 14. View article

Pillon MC, Goslen KH, Gordon J, Wells ML, Williams JG, Stanley RE. It takes two (Las1 HEPN endoribonuclease domains) to cut RNA correctly. *J Biol Chem.* 2020;295(18):5857-5870. View article

Draganova EB, Zhang J, Zhou ZH, Heldwein EE. Structural basis for capsid recruitment and coat formation during HSV-1 nuclear egress. *Elife.* 2020;9:e56627. Published 2020 Jun 24. View article

Pillon MC, Goslen KH, Gordon J, Wells ML, Williams JG, Stanley RE. It takes two (Las1 HEPN endoribonuclease domains) to cut RNA correctly. *J Biol Chem.* 2020;295(18):5857-5870. View article

Cornacchione LP, Hu LT. Hydrogen peroxide-producing pyruvate oxidase from *Lactobacillus delbrueckii* is catalytically activated by phosphotidylethanolamine. *BMC Microbiol.* 2020;20(1):128. Published 2020 May 24. View article

Kim HR, Xu J, Maeda S, et al. Structural mechanism underlying primary and secondary coupling between GPCRs and the Gi/o family. *Nat Commun.* 2020;11(1):3160. Published 2020 Jun 22. View article

Cornacchione LP, Hu LT. Hydrogen peroxide-producing pyruvate oxidase from *Lactobacillus delbrueckii* is catalytically activated by phosphotidylethanolamine. *BMC Microbiol.* 2020;20(1):128. Published 2020 May 24. doi:10.1186/s12866-020-01788-6. View article

Peng HM, Valentín-Goyco J, Im SC, et al. Expression in *Escherichia Coli*, Purification, and Functional Reconstitution of Human Steroid 5 α -Reductases. *Endocrinology.* 2020;161(8):bqaa117. View article

McRae EKS, Davidson DE, McKenna SA. 2D Saturation Transfer Difference NMR for Determination of Protein Binding Sites on RNA Guanine Quadruplexes. *Methods Mol Biol.* 2020;2161:101-113. View article

Cornacchione LP, Klein BA, Duncan MJ, Hu LT. Interspecies Inhibition of *Porphyromonas gingivalis* by Yogurt-Derived *Lactobacillus delbrueckii* Requires Active Pyruvate Oxidase. *Appl Environ Microbiol.* 2019 Aug 29;85(18):e01271-19. View article

Barski MS, Minnell JJ, Hodakova Z, Pye VE, Nans A, Cherepanov P, Maertens GN. Cryo-EM structure of the deltaretroviral intasome in complex with the PP2A regulatory subunit B56 γ . *Nat Commun.* 2020 Oct 7;11(1):5043. View article

Gordon DE, et al. Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. *Science.* 2020 Dec 4;370(6521):eabe9403. View Article

Kappenberger J, Koelmel W, Schoenwetter E, Scheuer T, Woerner J, Kuper J, Kisker C. How to limit the speed of a motor: the intricate regulation of the XPB ATPase and translocase in TFIIH. *Nucleic Acids Res.* 2020 Dec 2;48(21):12282-12296. View article

Nordeen SA, Turman DL, Schwartz TU. Yeast Nup84-Nup133 complex structure details flexibility and reveals conservation of the membrane anchoring ALPS motif. *Nat Commun.* 2020 Nov 27;11(1):6060. View article

Nordeen SA, Andersen KR, Knockenhauer KE, Ingram JR, Ploegh HL, Schwartz TU. A nanobody suite for yeast scaffold nucleoporins provides details of the nuclear pore complex structure. *Nat Commun.* 2020 Dec 2;11(1):6179. View article

Lim SM, Cruz VE, Antoku S, Gundersen GG, Schwartz TU. Structures of FHOD1-Nesprin1/2 complexes reveal alternate binding modes for the FH3 domain of formins. *Structure.* 2021 Jan 19;S0969-2126(20)30480-9. View article

Lu S, Ye Q, Singh D, Cao Y, Diedrich JK, Yates JR 3rd, Villa E, Cleveland DW, Corbett KD. The SARS-CoV-2 nucleocapsid phosphoprotein forms mutually exclusive condensates with RNA and the membrane-associated M protein. *Nat Commun.* 2021 Jan 21;12(1):502. View article

Draganova EB, Heldwein EE. Virus-derived peptide inhibitors of the herpes simplex virus type 1 nuclear egress complex. *Sci Rep.* 2021 Feb 18;11(1):4206. View article

Rajavel M, Kumar V, Nguyen H, Wyatt J, Marshall SH, Papp-Wallace KM, Deshpande P, Bhavsar S, Yeole R, Bhagwat S, Patel M, Bonomo RA, van den Akker F. Structural Characterization of Diazabicyclooctane β -Lactam "Enhancers" in Complex with Penicillin-Binding Proteins PBP2 and PBP3 of *Pseudomonas aeruginosa*. *mBio.* 2021 Feb 16;12(1):e03058-20. View article

Gurnani Serrano CK, Winkle M, Martorana AM, Biboy J, Morè N, Moynihan P, Banzhaf M, Vollmer W, Polissi A. ActS activates peptidoglycan amidases during outer membrane stress in *Escherichia coli*. *Mol Microbiol.* 2021 Mar 4. View article

主要内容

LOBSTR（低背景菌株）是一种用于表达重组多亚胺标记蛋白的大肠杆菌菌株。该菌株已针对一步下游多亚胺酸 - 标签亲和纯化进行了优化，是表达蛋白质不良的理想选择。高灯：通过减少大肠杆菌Arna和Slydallows进行一步纯化以消除在BL21（DE3）上的主要大肠杆菌污染物 - 使用与其他商业上可获得的竞争力CellBI21（DE3）-RIL版本相同 - 包含Argu, ILEY和LeuW TRNA基因的额外副本，以及氯霉素Markerideal纯化挑战低表达蛋白质靶标的主要缺点多亚胺酸 - 标签的亲纯化大肠杆菌中表达的蛋白质是富含天然组氨酸的蛋白质的存在，导致这些污染物的共纯化。在LOBSTR, ARNA和SLYD中，基于表面工程修改了两种最常见的大肠杆菌污染物。LOBSTR保持正常的细胞生长，但显著降低了ARNA和SLYD的聚亚胺酸标签结合亲和力。与其他表达菌株相比，LOBSTR产生高纯度的重组蛋白，允许低表达的重组蛋白的一步介质。通过托马斯U.Schwartz, Mashusetts理工学院博士的实验室。

关于Kerafast Inc.

Kerafast 是一家位于波士顿的试剂公司，其主要使命是为QuanQiu科学界提供易于使用的独特实验室研究工具。我们的产品组合包括细胞系、抗体、小分子、染料等，其中许多在其他地方无法获得。自 2011 年成立以来，来自全球 190 多个机构的研究人员通过我们的在线平台提供了他们的创新试剂，无需通过传统的材料转让协议流程即可快速获取材料。

我们处理提供实验室的所有销售和运输物流，并从每次销售中返还丰厚的特许权使用费。因此，我们帮助提供实验室节省时间和资源，同时为进一步研究提供额外资金。采购科学家可以更轻松地发现和获取其他地方通常无法获得的独特试剂，同时还可以资助其他研究人员的工作。这创建了一个QuanQiu科学家社区，他们贡献和获取Reagent for the Greater Good，以加速他们自己的研究以及整体科学进步。

2018 年，Kerafast 与Absolute Antibody合并，后者是一家总部位于英国的公司，其愿景是为所有研究人员提供重组抗体技术。此次合并将两家公司聚集在一起，共同致力于改善科学界可用的研究工具的选择。

品牌标识



产品关键词

- [kerafast抗体ED2003](#)
- [kerafast 抗体](#)
- [kerafast国内代理商](#)
- [kerafast 代理](#)
- [kerafast细胞](#)
- [kerafast抗体代理](#)
- [kerafast代理商](#)
- [kerafast品牌](#)
- [kerafast代理](#)
- [kerafast细胞代购kerafast品牌代理](#)
- [kerafast华北代理](#)
- [美国kerafast公司](#)
- [kerafast公司](#)
- [进口kerafast代理](#)
- [kerafast丁香通](#)
- [kerafast中国代理](#)
- [kerafast官网](#)
- [kerafast抗体](#)
- [kerafast专业代理](#)

一键获取大包装优惠报价

选择您的报价场景

- 【我们直接使用】需要优惠报价、大包装规格、货期 -- ---->[报价默认含增值税13%发票；尽量提供货号、规格、需求数量]
- 【需要技术文档】产品说明书、COA、MSDS、手册 -- ---->[默认提供说明书或者COA，特别技术指标要求请下面填入详细描述]
- 【我帮客户找货】需要优惠报价、大包装规格、货期 -- ---->[报价默认含增值税13%发票]
- 【推荐替代产品】需要优惠报价、大包装规格、货期 -- ---->[提供替代产品的价格，默认含增值税13%发票]
- 【我能原厂直采】请只提供代理进口清关服务的报价 -- ---->[适合只需要进口许可证代办服务、清关服务的专业级买家，独立服务]
- 【其它报价场景】

请输入您的情况与报价要求

报价要求详细描述

【如有请填写;若无留空即可】按10KG、25L大量采购的时候,是否可

贵单位贵姓

接受报价的E-mail

马上发我报价

手机扫描二维码阅读本页



可能感兴趣的内容

[NR-18256结核分枝杆菌,CDC1551TransposonMutant1869\(MT2120,Rv2061c\)\(突变细菌\)](#)

2022-04-01

[NR-10450来自炭疽杆菌的基因组DNA,菌株Ames35\(核酸\)](#)

2022-04-01

[NR-47447金黄色葡萄球菌亚种.金黄色葡萄球菌,USA300JE2,转座子突变体SAUSA300_0290\(NE904\)\(突变体细菌\)](#)

2022-04-01

[NR-15499牛痘病毒,WesternReserve,重组表达淋巴细胞脉络丛脑膜炎病毒,Armstrong53b核蛋白\(病毒\)](#)

2022-04-01

[NR-33293大肠杆菌,菌株43\(105a\)\(细菌\)](#)

2022-04-01

[NR-13478结核分枝杆菌、CDC1551、转座子突变体31\(MT0606、Rv0577\)\(突变细菌\)](#)

2022-04-01

[NR-47414金黄色葡萄球菌亚种.金黄色葡萄球菌,USA300JE2,转座子突变体SAUSA300_2636\(NE871\)\(突变体细菌\)](#)

2022-04-01

[NR-52229鲍曼不动杆菌,MRSN32104\(细菌\)](#)

2022-04-01

[综述与专论: 核酸适配体在肾癌中的应用](#)

2023-09-21

[PIL家族转录因子抑制植物分蘖机制获解析](#)

2020-08-04

[PBST \(1x, PH7.4\) \(BZ218\) 200ml](#)

2021-12-13

[植物冬季氮吸收能力及利用策略研究取得新进展](#)

2020-08-04

[抗肺炎球菌血清型35B单克隆抗体\[克隆3F9\]22/308](#)

2024-05-19

[NR-51531铜绿假单胞菌,MRSN1899\(细菌\)](#)

2022-04-01

[精选好货》DC184硅橡胶PDMS184光学胶灌封胶PDMS聚二](#)

2021-12-02

[人工模拟合成外分泌汗液汗水-皮脂乳液 \(BZ118\) 500ml](#)

2021-12-13

[NR-36061来自雄性和雌性钉螺亚种的基因组DNA.formosana,ChiaYiIsolate\(NucleicAcids\)](#)

2022-04-01

[NR-15020结核分枝杆菌、CDC1551、转座子突变体1173\(MT2316、Rv*\)\(突变细菌\)](#)

2022-04-01

[MRA-564_恶性疟原虫,菌株D10pfmdr1SNY\[D10pfmdr1S-1034N-1042Y-1246,D10-mdr1\(7G8/1\)\]\(寄生原生动](#)

物)

2022-04-01

[NR-28543_副溶血性弧菌,F11-3A\(血清型O4:K12\)\(细菌\)](#)

2022-04-01