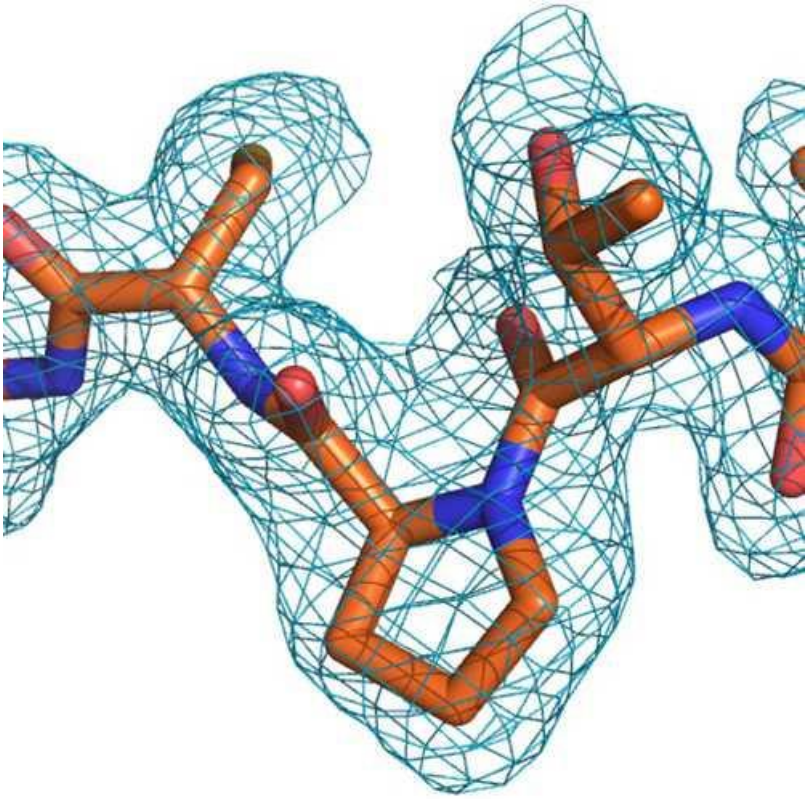
# LOBSTR-BL21(DE3)-RIL,4x50UL

下载为PDF

- 78 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 *E. coli* Expression Strain |
| Cell Type: | Chemically competent (CaCl2method) |
| Organism: | *E. coli* BL21(DE3) |
| Competency: | >1x106cfu/ug DNA |
| Growth Conditions: | Standard *E. coli* Growth Media (LB, SOC, etc.) at 37C |
| Transformation: | Standard heatshock protocol (42C for 20 seconds) |
| Induction: | IPTG up to 1mM |
| Comments: | Derived from *E. coli* BL21(DE3) |
| Storage: | -80C (avoid freeze-thaw cycles) |
| Shipped: | Dry ice |

产品安全信息

LOBSTR E. Coli strain characterizationAndersen 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 utilizationEsra Demircioglu F, Cruz VE, Schwartz TU. Purification and Structural Analysis of SUN and KASH Domain Proteins. Methods Enzymol. 2016;569:63-78. View ArticleKelley 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 CovalentTargeting of Anti-Apoptotic BFL-1 by Cysteine-Reactive Stapled PeptideInhibitors. 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 ofTorsinA and its disease-mutant complexed with an activator reveal the molecularbasis 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 ArticleSaxton 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 ArticleLawrence 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 ArticleKawaharada Y, Nielsen MW, Kelly S, James EK, Andersen KR, Rasmussen SR, Füchtbauer 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 ArticleSander 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 ArticleAndersen 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 ArticleHarvey 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 ArticleChen 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 ArticleSmith 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 ArticleKenney 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 ArticlePillon 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 ArticleChen 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 ArticleHackenberg 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 ArticleMontón Silva A, Otten C, Biboy J, Breukink E, VanNieuwenhze 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 ArticleGuerra 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 ArticleNemec 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 ArticleNanji 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 ArticleOnischenko 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 ArticleYe 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 ArticleWiebach 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 ArticleCruz VE, Schwartz TU. Recombinant Purification of the Periplasmic Portion of the LINC Complex. Methods Mol Biol. 2018;1840:17-23. View ArticleDemircioglu 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 ArticleBilokapic S, Halic M. Nucleosome and ubiquitin position Set2 to methylate H3K36. Nat Commun. 2019;10(1):3795. Published 2019 Aug 22.View ArticleObradovic 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 articleSonn-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 articlePillon 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 articleDraganova 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 articlePillon 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 articleCornacchione 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 articleKim 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 articleCornacchione 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 articlePeng HM, Valentín-Goyco J, Im SC, et al. Expression in Escherichia Coli, Purification, and Functional Reconstitution of Human Steroid 5α-Reductases. Endocrinology. 2020;161(8):bqaa117.View articleMcRae 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 articleCornacchione 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 articleBarski 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 B56γ. Nat Commun. 2020 Oct 7;11(1):5043.View articleGordon DE, et al. Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science. 2020 Dec 4;370(6521):eabe9403. View ArticleKappenberger 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 articleNordeen 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 articleNordeen 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 articleLim 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 articleLu 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 articleDraganova 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 articleRajavel 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 articleGurnani 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氨酸 - 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CellBl21（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氨酸 - 标签的亲和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，但显着降低了ARNA和SLYD的聚亚氨酸标签结合亲和力。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。
厂牌介绍

## 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
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

- 无 -

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 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 请输入您的单位名称或贵姓，以便于我们联系您

接受报价的E-mail 请输入您接受报价单的E-mail，例如:example@qq.com

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

MRA-570恶性疟原虫,D10ACP信号-GFP(寄生原生动物）
2022-04-01
NR-36100炭疽杆菌,炭疽菌株集合(ASC)168(Ames)(细菌）
2022-04-01
龙猫或长尾栗鼠肾脏,暴露于脉冲噪声和D-蛋氨酸(卡扣冷冻),1个小瓶
2021-12-21
HM-625催产克雷伯菌,麻省理工学院10-5244(细菌）
2022-04-01
NR-48569肺炎克雷伯菌,CHS67(细菌）
2022-04-01
HM-508痤疮丙酸杆菌,HL036PA3(细菌）
2022-04-01
NR-708_Burkholderiapyrrocinia,2327(细菌）
2022-03-31
NR-18647结核分枝杆菌,CDC1551TransposonMutant2762(MT0698,Rv0669c)(突变细菌）
2022-04-01
清华大学医学院祁海教授团队诚聘博士后
2021-10-31
硫磺Cy7马来酰亚胺,50mg
2021-12-21
NR-18994_结核分枝杆菌,HN1434(细菌）
2022-04-01
流感病毒传染性IVR-238[A/Victoria/4897/2022[H1N1]22/318
2024-05-19
流感病毒传染性NIBRG-12[H5N1]08/154
2024-05-19
NR-46200金黄色葡萄球菌,CT-138(NRS671)(细菌）
2022-04-01
HM-782D混合细菌,来自MicrobialMockCommunityB的基因组DNA(均匀,低浓度）,v5.1L,用于16SrRNA基因测序(其他产品）
2022-04-01
NR-46397_表皮葡萄球菌,VCU120(NRS869)(细菌）
2022-04-01
NR-55328_SARS相关冠状病毒2,小鼠适应(分离USA-WA1/2020骨架）,Calu-3细胞(病毒）中的传染性克隆(ic2019-nCoVMA)
2022-04-01
基于多模态超声对比学习的肝癌诊断方法
2024-07-31
聚二甲基硅氧烷（PDMS）
2021-12-02
提示学习框架下融合多层级特征信息的中文命名实体识别
2024-07-31