LOBSTR-BL21(DE3)-RIL,4x50UL

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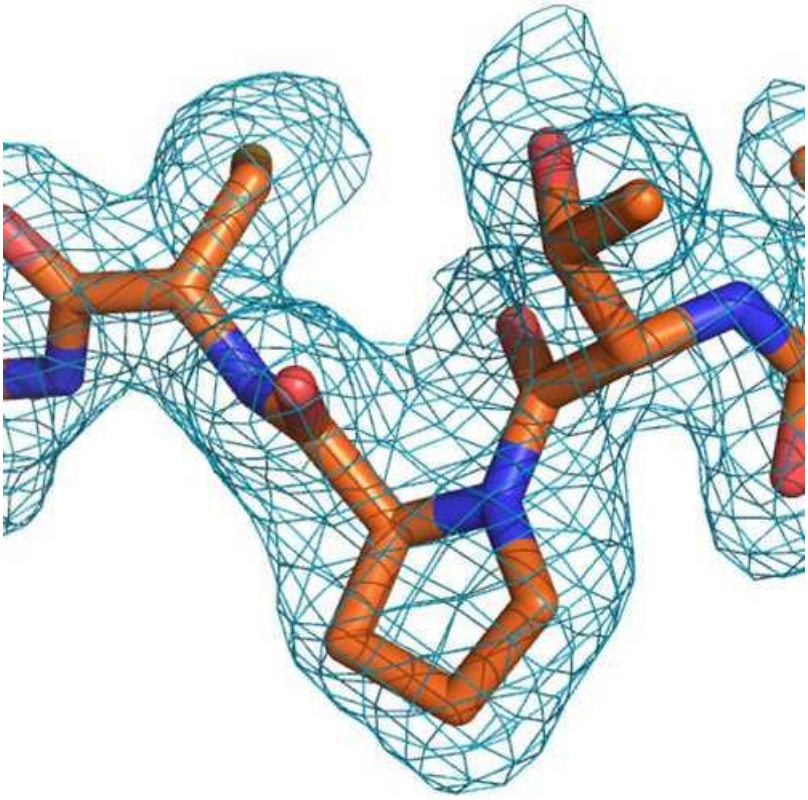
产品图片



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
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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). 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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
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kerafast专业代理

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MRA-298恶性疟原虫,菌株3D7,36小时cDNA文库(文库）
2022-04-01
钡氟化物(BaF2)溅射靶材,纯度:99.99%,Size:6”,厚:0.125”
2024-01-21
北京大学生命科学学院郑鹏里课题组招聘博士后

2021-10-31
巴尔通体henselae IgM FA阳性对照
2019-05-08
NR-48939免疫球孢子菌,3476(真菌）
2022-04-01
抗东方马脑炎[1B1C-4]抗体,100ug
2021-12-21
NR-46939金黄色葡萄球菌亚种.金黄色葡萄球菌,USA300JE2,转座子突变体SAUSA300_0462(NE396)(突变细菌）
2022-04-01
NR-51973_Spondweni病毒,SAAr94(病毒）
2022-04-01
铁(Fe)纳米粉末/纳米材料,纯度:99.55+%,Size:60铈70nm,MetalBasis
2024-01-21
NR-19557肠沙门氏菌亚种.enterica,Ty2菌株(伤寒血清型）,Gateway?CloneSet,大肠杆菌重组,Plate36(克隆）
2022-04-01
NR-47018金黄色葡萄球菌亚种.金黄色葡萄球菌,USA300JE2,转座子突变体SAUSA300_1060(NE475)(突变细菌）
2022-04-01
NR-43413结核分枝杆菌亚种.结核病,H37Rv:pEXCF-2034,转录因子过表达突变体(突变细菌）
2022-04-01
NR-50062_黄热病病毒,CARECM2-09(病毒）
2022-04-01
MTB PDZ蛋白,RMTB004
2021-12-21
身体素质高可部分抵消高血压负面影响
2022-06-17
重组抗体,抗猕猴PAN物种IgG [1B3],小鼠,IgG1K
2021-12-21
铝(Al)溅射靶材,纯度:99.999%,Size:3”,厚:0.250”
2024-01-21
铁氧化物(Fe3O4)溅射靶材,纯度:99.9%,Size:1”,厚:0.250”
2024-01-21
发生机制研究为延缓衰老带来希望
2023-11-12
QCREBVIgMQC1[18/B733]QCREBVIGMQC1
2024-05-19