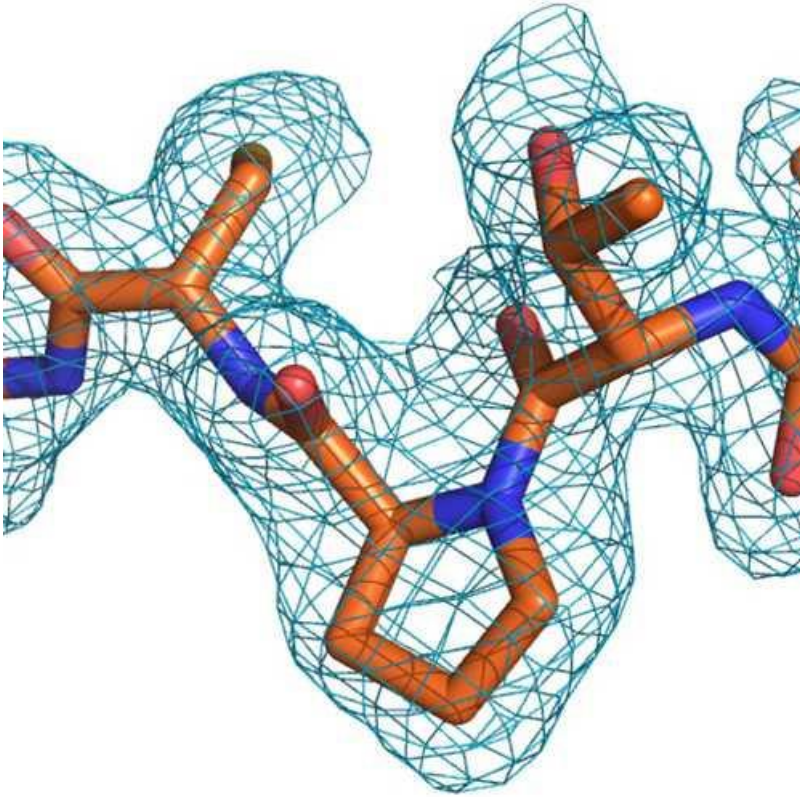


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产品英文名称

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产品别名

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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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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

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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



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