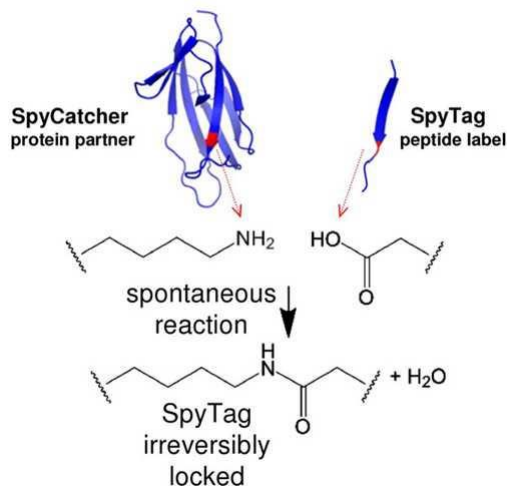


Spycatcher003(S49C)蛋白质

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产品英文名称

[SpyCatcher003 \(S49C\) Protein](#)

产品别名

[Kerafast独特的生物试剂](#)

货号/SKU

EOX004

货号/规格

0.5mg

库存与交货期

1-2周

人民币价格

6700

人民币价格说明

本产品人民币2024年销售价格正在调整中，请等待更新完毕。

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产品基础信息

From the laboratory of Mark Howarth, PhD, University of Oxford.

产品描述信息

Product Type: Protein

Name: SpyTag/SpyCatcher Protein Coupling Reagents

Accession ID: JQ478411.1 (SpyCatcher)

Source: Recombinant expression in *E. coli*

Molecular Weight: 15,597.7 Da (SpyCatcher003), 15,613.7 Da (SpyCatcher003, S49C); 44,867.78 Da (SpyTag003-MBP)

Amino Acid Sequence: **SpyCatcher003:** SYHHHHHHHDYDIPPTENLYFQGAMVTTLSGLSGEQGPGSDMTTEEDSATHIKFSKRDEGDRELATMELRDSSGKTISTWISDGHVKDFYLYPGKYTFVETAAP

SpyCatcher003 (S49C): SYHHHHHHHDYDIPPTENLYFQGAMVTTLSGLSGEQGPGSDMTTEEDSATHIKFSKRDEGDRELATMELRDCSGKTISTWISDGHVKDFYLYPGKYTF

SpyTag003: GSSHHHHHSSGLVPRGSRGVPHIVMVDAYKRYKSGESGKIEEGLVWINGDKGYNGLAEVGKFKEDTGKIKVTEHPDKLEEKFPQVAATGDPDIIFWAHDFRGGYQSGLLAEITF

Fusion Tag(s): N-terminal 6xHis tag for each

Purity: >95%. Purified from Ni-NTA affinity chromatography and then by size exclusion chromatography.

Buffer: Phosphate buffered saline (PBS) pH 7.4

Concentration: 2.32mg/mL (SpyCatcher003), 2.38mg/mL (SpyCatcher003, S49C), 2.47mg/mL (SpyTag003-MBP)

Amount: 0.5mg

Storage: -80C, avoid multiple freeze-thaw cycles

Shipped: Dry ice

产品安全信息

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View ArticleIf you publish research with this product, please let us know so we can cite your paper.

主要内容

Spytag / Spycatcher系统是一种方便的蛋白质偶联工具，用于不可逆的肽 - 蛋白质连接。它是绑定，标记，固定化和创造新种类蛋白质结构的理想选择。高灯：SpyTAG在结合其遗传编码的合作伙伴运动器时形成自发的酰胺键，其高度兼容性 - SpyTag在被稳定的反应产品的广泛条件下与瞬间反应 - SPYCatcher / SPYTAG复合物在SDS SPYCATCHER中稳定稳定（S49C）版本含有独特的半胱氨酸残留物，用于精确标记染料或精确附着到表面或珠粒肽与蛋白质的相互作用通常弱。Spytag是一种遗传编码的肽（SpyTAG003序列RGVPHIVMVEDKRYK），其在结合其遗传编码的合作伙伴时形成自发的酰胺键（使用此处提供的最新版本的SPYCATCHER003）。SpyTAG003在各种条件下与Spycatcher003反应，并在反应后该产物在SDS中沸腾稳定。Spycatcher003（S49C）具有独特的半胱氨酸，用于精确标记染料或精确附着到表面或珠粒。从牛津大学Mark Howarth的实验室，博士学位。

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。

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