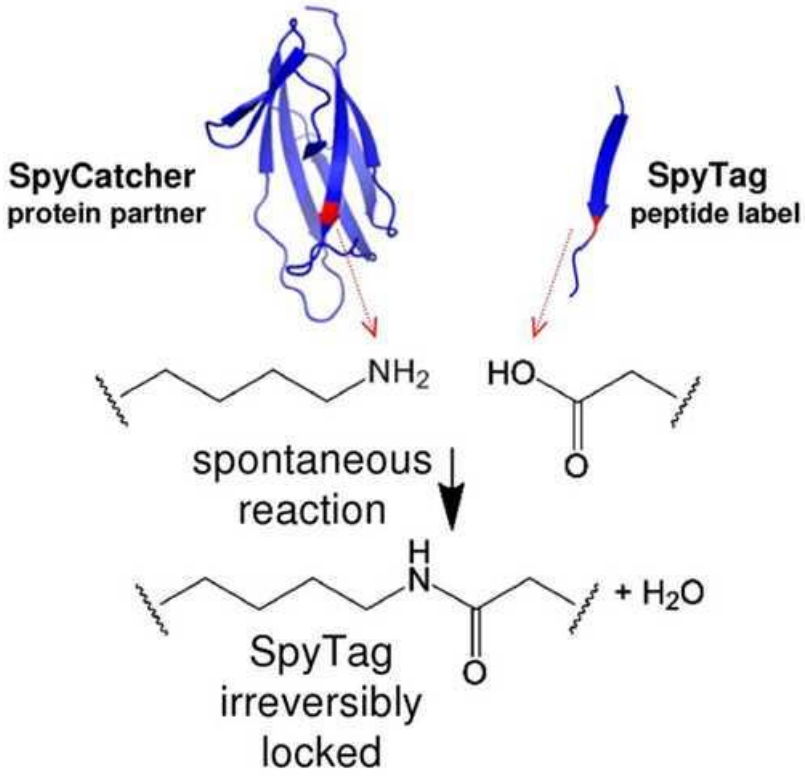
spytag003-mbp蛋白

下载为PDF

- 508 次围观

产品图片



产品英文名称
SpyTag003-MBP Protein
产品别名
Kerafast独特的生物试剂
货号/SKU
EOX005
货号/规格
0.5mg
库存与交货期
1-2周
人民币价格
8050
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 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:** SYYHHHHHHDYDIPTTENLYFQGAMVTTLSGLSGEQGPSGDMTTEEDSATHIKFSK RDEDGRELAGATMELRDSSGKTISTWISDGHVKDFYLYPGKYTFVETAAPDGYEVATPIEFTVNEDGQ VTVDGEATEGDAHTGSSGS **SpyCatcher003 (S49C):** SYYHHHHHHDYDIPTTENLYFQGAMVTTLSGLSGEQGPSGDMTTEEDSA THIKFSKRDEDGRELAGATMELRDCSGKTISTWISDGHVKDFYLYPGKYTFVETAAPDGYEVATPIEF TVNEDGQVTVDGEATEGDAHTGSSGS **SpyTag003:** GSSHHHHHHSSGLVPRGSRGVPHIVMVDAYKRYKGSGESGKIEEGKLVIWINGDKGY NGLAEVGKKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRFGGYAQSGLLAEITP DKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSAL MFNLQEPYFTWPLIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKNKHMNADTDY SIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNK ELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAATMENAQKGEIMPNIPQM SAFWYAVRTAVINAASGRQTVDEALKDAQTNSSS
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

Keeble AH, Turkki P, Stokes S, Khairil Anuar INA, Rahikainen R, Hytönen VP, Howarth M. Approaching infinite affinity through engineering of peptide-protein interaction. Proc Natl Acad Sci U S A. 2019 Dec 10;116(52):26523-26533.Zakeri B, Fierer JO, Celik E, Chittock EC, Schwarz-Linek U, Moy VT, Howarth M. Peptide tag forming a rapid covalent bond to a protein, through engineering a bacterial adhesin. Proc Natl Acad Sci U S A. 2012 Mar 20;109(12):E690-7. Veggiani G., Zakeri B., Howarth M. Superglue from Bacteria: Unbreakable Bridges for Protein Nanotechnology. Trends in Biotechnology 2014 Oct;32(10):506-12. Schoene C, Fierer JO, Bennett SP, Howarth M. SpyTag/SpyCatcher Cyclization Confers Resilience to Boiling on a Mesophilic Enzyme. Angewandte Chemie. 2014 Jun 10;53(24):6101-4. Fierer JO, Veggiani G, Howarth M. SpyLigase peptide-peptide ligation polymerizes affibodies to enhance magnetic cancer cell capture. Proc Natl Acad Sci U S A. 2014 Apr 1;111(13):E1176-81. Li L, Fierer JO, Rapoport TA, Howarth M. Structural analysis and optimization of the covalent association between SpyCatcher and a peptide tag. Journal of Molecular Biology. 2014 Jan 23;426(2):309-17. Min, Duyoung; Arbing, Mark A; Jefferson, Robert E; Bowie, James U. A simple DNA handle attachment method for single molecule mechanical manipulation experiments.Protein Sci. 2016 01;25(8):1535-44 View ArticleDovala, Dustin; Sawyer, William S; Rath, Christopher M; Metzger, Louis E. Rapid analysis of protein expression and solubility with the SpyTag-SpyCatcher system.Protein Expr Purif. 2016 01;117:44-51 View ArticleAlves, Nathan J; Turner, Kendrick B; Daniele, Michael A; Oh, Eunkeu; Medintz, Igor L; Walper, Scott A. Bacterial Nanobioreactors--Directing Enzyme Packaging into Bacterial Outer Membrane Vesicles.ACS Appl Mater Interfaces. 2015 11 11;7(44):24963-72 View ArticleReddington, Samuel C; Howarth, Mark. Secrets of a covalent interaction for biomaterials and biotechnology: SpyTag and SpyCatcher.Curr Opin Chem Biol. 2015 12;29:94-9 View ArticleJanitzek, Christoph M; Matondo, Sungwa; Thrane, Susan; Nielsen, Morten A; Kavishe, Reginald; Mwakalinga, Steve B; Theander, Thor G; Salanti, Ali; Sander, Adam F. Bacterial superglue generates a full-length circumsporozoite protein virus-like particle vaccine

capable of inducing high and durable antibody responses.Malar J. 2016 11 08;15(1):545 View ArticleSi, Meng; Xu, Qing; Jiang, Ling; Huang, He. SpyTag/SpyCatcher Cyclization Enhances the Thermostability of Firefly Luciferase.PLoS One. 2016;11(9):e0162318 View ArticleZhang, Wen-Bin; Sun, Fei; Tirrell, David A; Arnold, Frances H. Controlling macromolecular topology with genetically encoded SpyTag-SpyCatcher chemistry.J Am Chem Soc. 2013 09 18;135(37):13988-97 View ArticleFairhead, Michael; Veggiani, Gianluca; Lever, Melissa; Yan, Jun; Mesner, Dejan; Robinson, Carol V; Dushek, Omer; Van der Merwe, P Anton; Howarth, Mark. SpyAvidin hubs enable precise and ultrastable orthogonal nanoassembly.J Am Chem Soc. 2014 09 03;136(35):12355-63 View ArticleTan, Lee Ling; Hoon, Shawn S; Wong, Fong T. Kinetic Controlled Tag-Catcher Interactions for Directed Covalent Protein Assembly.PLoS One. 2016;11(10):e0165074 View ArticleWang, Jindan; Wang, Yilin; Wang, Xinzhe; Zhang, Dandan; Wu, Shuyu; Zhang, Guangya. Enhanced thermal stability of lichenase from Bacillus subtilis 168 by SpyTag/SpyCatcher-mediated spontaneous cyclization.Biotechnol Biofuels. 2016;9:79 View ArticleThrane, Susan; Janitzek, Christoph M; Matondo, Sungwa; Resende, Mafalda; Gustavsson, Tobias; De Jongh, Willem Adriaan; Clemmensen, Stine; Roeffen, Will; Van de Vegte-Bolmer, Marga; Van Gemert, Geert Jan; Sauerwein, Robert; Schiller, John T; Nielsen, Morten A; Theander, Thor G; Salanti, Ali; Sander, Adam F. Bacterial superglue enables easy development of efficient virus-like particle based vaccines.J Nanobiotechnology. 2016 04 27;14:30 View ArticleBedbrook, Claire N; Kato, Mihoko; Ravindra Kumar, Sripriya; Lakshmanan, Anupama; Nath, Ravi D; Sun, Fei; Sternberg, Paul W; Arnold, Frances H; Gradinaru, Viviana. Genetically Encoded Spy Peptide Fusion System to Detect Plasma Membrane-Localized Proteins InÂ Vivo.Chem Biol. 2015 08 20;22(8):1108-21 View ArticleSun, Fei; Zhang, Wen-Bin; Mahdavi, Alborz; Arnold, Frances H; Tirrell, David A. Synthesis of bioactive protein hydrogels by genetically encoded SpyTag-SpyCatcher chemistry.Proc Natl Acad Sci U S A. 2014 08 05;111(31):11269-74 View ArticleBrune, Karl D; Leneghan, Darren B; Brian, Iona J; Ishizuka, Andrew S; Bachmann, Martin F; Draper, Simon J; Biswas, Sumi; Howarth, Mark. Plug-and-Display: decoration of Virus-Like Particles via isopeptide bonds for modular immunization.Sci Rep. 2016 01 19;6:19234 View ArticleVeggiani, Gianluca; Nakamura, Tomohiko; Brenner, Michael D; Gayet, RaphaÃ«l V; Yan, Jun; Robinson, Carol V; Howarth, Mark. Programmable polyproteams built using twin peptide superglues.Proc Natl Acad Sci U S A. 2016 02 02;113(5):1202-7 View ArticleSchoene, Christopher; Bennett, S Paul; Howarth, Mark. SpyRing interrogation: analyzing how enzyme resilience can be achieved with phytase and distinct cyclization chemistries.Sci Rep. 2016 02 10;6:21151 View ArticleBrune, Karl; Buldun, Can; Li, Yuanyuan; Taylor, Iona; Brod, Florian; Biswas, Sumi; Howarth, Mark. Dual plug-and-display synthetic assembly using orthogonal reactive proteins for twin antigen immunization.Bioconjug Chem. 2017 04 24; View ArticleGao, Xiaoye; Fang, Jie; Xue, Bin; Fu, Linglan; Li, Hongbin. Engineering Protein Hydrogels Using SpyCatcher-SpyTag Chemistry.Biomacromolecules. 2016 09 12;17(9):2812-9 View ArticleSchoene, C; Bennett, S P; Howarth, M. SpyRings Declassified: A Blueprint for Using Isopeptide-Mediated Cyclization to Enhance Enzyme Thermal Resilience.Methods Enzymol. 2016;580:149-67 View ArticleBotyanszki, Zsofia; Tay, Pei Kun R; Nguyen, Peter Q; Nussbaumer, Martin G; Joshi, Neel S. Engineered catalytic biofilms: Site-specific enzyme immobilization onto E. coli curli nanofibers.Biotechnol Bioeng. 2015 10;112(10):2016-24 View ArticleLiu, Zhida; Zhou, Hang; Wang, Wenjun; Tan, Wenjie; Fu, Yang-Xin; Zhu, Mingzhao. A novel method for synthetic vaccine construction based on protein assembly.Sci Rep. 2014 12 01;4:7266 View ArticlePrÃ¶schel, Marlene; Detsch, Rainer; Boccaccini, Aldo R; Sonnewald, Uwe. Engineering of Metabolic Pathways by Artificial Enzyme Channels.Front Bioeng Biotechnol. 2015;3:168 View ArticleSiegmund, Vanessa; Piater, Birgit; Zakeri, Bijan; Eichhorn, Thomas; Fischer, Frank; Deutsch, Carl; Becker, Stefan; Toleikis, Lars; Hock, BjÃ¶rn; Betz, Ulrich a K; Kolmar, Harald. Spontaneous Isopeptide Bond Formation as a Powerful Tool for Engineering Site-Specific Antibody-Drug Conjugates.Sci Rep. 2016 12 16;6:39291 View ArticleWang, Hejia Henry; Altun, Burcin; Nwe, Kido; Tsourkas, Andrew. Proximity-Based Sortase-Mediated Ligation.Angew Chem Int Ed Engl. 2017 05 02;56(19):5349-5352 View ArticleAlves, Nathan J; Turner, Kendrick B; Medintz, Igor L; Walper, Scott A. Protecting enzymatic function through directed packaging into bacterial outer membrane vesicles.Sci Rep. 2016 04 27;6:24866 View ArticleChen, Allen Y; Deng, Zhengtao; Billings, Amanda N; Seker, Urartu O S; Lu, Michelle Y; Citorik, Robert J; Zakeri, Bijan; Lu, Timothy K. Synthesis and patterning of tunable multiscale materials with engineered cells.Nat Mater. 2014 05;13(5):515-23 View ArticleRegan, Lynne; Caballero, Diego; Hinrichsen, Michael R; Virrueta, Alejandro; Williams, Danielle M; O'hern, Corey S. Protein design: Past, present, and future.Biopolymers. 2015 07;104(4):334-50 View ArticleLeonard, John D; Narlikar, Geeta J. A nucleotide-driven switch regulates flanking DNA length sensing by a dimeric chromatin remodeler.Mol Cell. 2015 03 05;57(5):850-9 View ArticleLiu, Xueliang; Lopez, Paola A; Giessen, Tobias W; Giles, Michael; Way, Jeffrey C; Silver, Pamela A. Engineering Genetically-Encoded Mineralization and Magnetism via Directed Evolution.Sci Rep. 2016 11 29;6:38019 View ArticleSchmid-Burgk, Jonathan L; HÃ¶ning, Klara; Ebert, Thomas S; Hornung, Veit. CRISPaint allows modular base-specific gene tagging using a ligase-4-dependent mechanism.Nat Commun. 2016 07 28;7:12338 View ArticleZakeri, Bijan; Lu, Timothy K. Synthetic biology of antimicrobial discovery.ACS Synth Biol. 2013 07 19;2(7):358-72 View ArticleAlam MK, El-Sayed A, Barreto K, Bernhard W, Fonge H, Geyer CR. Site-Specific Fluorescent Labeling of Antibodies and Diabodies Using SpyTag/SpyCatcher System for In Vivo Optical Imaging. Mol Imaging Biol. 2018 Jun 12. 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间谍运动器时形成自发的酰胺键，其

高度兼容性 - SpyTag在极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，用于精确标记用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RGVPHIVMVDEDKRYK），其在结合其遗传编码的合作伙伴间谍程序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。

品牌标识

kerafast
Reagents for the Greater Good

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

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（1×，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