

kerafast货号EUV102组学UV Cleavable Biotin-Azide

产品名称	kerafast货号EUV102组学UV Cleavable Biotin-Azide
公司名称	靶点科技（北京）有限公司
价格	6120.00/10mg
规格参数	品牌:kerafast 型号:EUV102 厂家:靶点科技
公司地址	北京市丰台区永外久敬庄40号C区07-02号
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产品详情

The UV Cleavable Biotin-Azide allows the tagging of alkyne modified substrates via copper-catalyzed click chemistry.

Highlights:

Biotin conjugate can be subsequently visualized by streptavidin Western techniques and/or enriched using streptavidin purification methods

Captured target can be released under mild photolysis conditions (365 nm) and results in a significant decrease of background signal due to non-specifically bound proteins

Also available: [13C6-UV-Biotin-azide](#)

产品参数：反应原理示意图：

参考文献：1. Alkylation Damage by Lipid Electrophiles Targets Functional Protein Systems. Codreanu, S. G.; Ullery, J. C.; Zhu, J.; Tallman, K. A.; Beavers, W. N.; Porter, N. A.; Marnett, L. J.; Zhang, B.; Liebler, D. C. *Mol. Cell. Proteomics* 2014, 13, 849.2. An Azido-Biotin Reagent for Use in the Isolation of Protein Adducts of Lipid-Derived Electrophiles by Streptavidin Catch and Photo-Release. Kim, H.-Y. H.; Tallman, K. A.; Liebler, D. C.; Porter, N. A. *Mol. Cell. Proteomics* 2009, 8, 2080.3. Yang J, Gupta V, Tallman KA, Porter NA, Carroll KS, Liebler DC. Global, in situ, site-specific analysis of protein S-sulfenylation. *Nat Protoc.* 2015 Jul;10(7):1022-37. [View Article](#)4. Fu L, Liu K, Ferreira RB, Carroll KS, Yang J. Proteome-Wide Analysis of Cysteine S-Sulfenylation Using a Benzothiazine-Based Probe. *Curr Protoc Protein Sci.* 2019 Feb;95(1):e76. [View Article](#)