

Product datasheet

Natural Streptavidin protein ab123831

概述

产品名称	Natural Streptavidin protein
蛋白长度	Full length protein

描述

性质	Native
来源	Native

氨基酸序列

分子量	55 kDa
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技术指标

Our [Abpromise guarantee](#) covers the use of **ab123831** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生物活性	The activity of ab123831 is ~14 units/mg, where one unit is defined as the amount of protein required to bind 1.0 µg of D-biotin.
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应用	Functional Studies
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形式	Lyophilised
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制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C. Constituent: 10% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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复溶	Reconstitute the powder with desired buffer, such as phosphate-buffered saline. The reconstituted solution will be stable for three months at 4°C if it is added with sodium azide to a final concentration of 2 mM or thimerosal to 0.02%. The reconstituted solution may also be divided into aliquots and stored at -20°C for long-term storage.
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常规信息

相关性	Streptavidin is a tetrameric protein purified from <i>Streptomyces</i> sp. that binds very tightly to the vitamin biotin with a K_d of ~ 10-14 mol/l. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.
细胞定位	Cytoplasmic

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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