

## Product datasheet

# Natural Streptavidin protein ab123831

### 概述

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

### 描述

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性质	Native
来源	Native

### 氨基酸序列

分子量	55 kDa
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### 技术指标

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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

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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

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<b>相关性</b>	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.
<b>细胞定位</b>	Cytoplasmic

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

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