

Native Streptavidin protein (SureLight® APC) ab134362

Description

Product name	Native Streptavidin protein (SureLight® APC)
Expression system	Native
Accession	<u>P22629</u>
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Streptomyces avidinii
Predicted molecular weight	19 kDa
Amino acids	1 to 183
Conjugation	SureLight® APC. Ex: 652nm, Em: 657nm

Specifications

Our **Abpromise guarantee** covers the use of **ab134362** in the following tested applications.

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

Applications	FRET Flow Cytometry
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. pH: 8.20 Preservative: 0.01% Sodium azide Constituents: 0.121% Tris, 0.88% Sodium chloride, 0.1% BSA
Reconstitution	Reconstitute with 1 ml of ddH ₂ O. Once reconstituted store at 2-8°C. Phycobiliproteins are sensitive to freeze-thaw cycles.

General Info

Relevance	Streptavidin is a tetrameric protein purified from Streptomyces sp. that binds very tightly to the
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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.

Cellular localization

Cytoplasmic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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