

### Native Streptavidin protein (B-PE) ab134346

#### Description

<b>Product name</b>	Native Streptavidin protein (B-PE)
<b>Expression system</b>	Native
<b>Accession</b>	<b><u>P22629</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Streptomyces avidinii
<b>Predicted molecular weight</b>	700 kDa
<b>Amino acids</b>	1 to 183
<b>Conjugation</b>	SureLight® B-PE
<b>Description</b>	Native Streptavidin protein (SureLight® B-PE)

#### Specifications

Our **Abpromise guarantee** covers the use of **ab134346** in the following tested applications.

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

<b>Applications</b>	Functional Studies
<b>Form</b>	Lyophilized

#### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark. pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 1.64% Sodium phosphate, 0.58% Sodium chloride, 0.1% BSA
<b>Reconstitution</b>	1ml of ddH2O will result in a 1 mg/ml solution

#### General Info

<b>Relevance</b>	Streptavidin is a tetrameric protein purified from Streptomyces sp. that binds very tightly to the vitamin biotin with a Kd of ~ 10-14 mol/l. The high affinity recognition of biotin and biotinylated
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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
- Extensive multi-media technical resources to help you
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