

Product datasheet

Native Streptavidin protein (SureLight® P3) ab133143

Description

Product name	Native Streptavidin protein (SureLight® P3)
Expression system	Native
Accession	P22629
Protein length	Full length protein
Animal free	No
Nature	Native
Predicted molecular weight	19 kDa
Conjugation	SureLight® P3. Ex: 614nm, Em: 662nm

Specifications

Our [Abpromise guarantee](#) covers the use of **ab133143** in the following tested applications.

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

Applications Flow Cytometry

Form Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark.
pH: 7.40
Preservative: 0.05% Sodium azide
Constituents: Phosphate Buffer, 6.85% Sucrose, 0.58% Sodium chloride, 0.1% BSA

Reconstitution Reconstitute to 1 ml with distilled deionized water. Use within 3 months. If further dilution of the conjugate is required, use diluted material within one week.

General Info

Relevance 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 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"

Our Abpromise to you: Quality guaranteed and expert technical support

- 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 <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors