

Product datasheet

Recombinant Streptavidin protein ab78833

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Description

Product name	Recombinant Streptavidin protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P22629</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	MVHHHHHHDP SKDSKAQVSA AEAGITGTWY NQLGSTFMT AGADGALTGT YESAVGNAES RYVLTGRYDS APATDGSGTA LGWTVAWKNN YRNAHSATTW SGQYVGGAEA RINTQWLLTS GTTEANAWKS TLVGHDTFTK VKPSAASIDA AKKAGVNNGN PLDAVQQ
Predicted molecular weight	18 kDa including tags
Amino acids	25 to 183
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab78833** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid
Additional notes	Concentration is determined by BCA assay

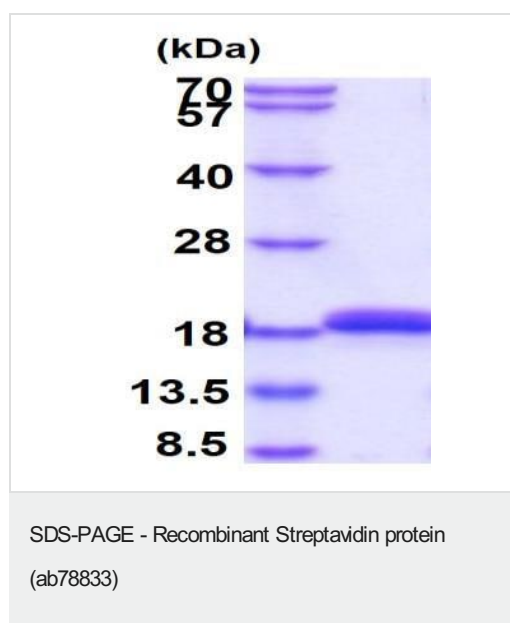
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.50 Constituent: 0.242% Tris
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General Info

Relevance	Streptavidin is a tetrameric protein purified from <i>Streptomyces</i> sp. that binds very tightly to the vitamin biotin with a K_d of $\sim 10^{-14}$ 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

Images



15% SDS-PAGE showing ab78833 at approximately 17kDa (3 μ g).

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.

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