

Product datasheet

Native Streptavidin protein (HRP) ab136225

Description

Product name	Native Streptavidin protein (HRP)
Purity	> 90 % SDS-PAGE.
Expression system	Native
Accession	P22629
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Streptomyces avidinii
Predicted molecular weight	60 kDa
Conjugation	HRP

Specifications

Our [Abpromise guarantee](#) covers the use of **ab136225** in the following tested applications.

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

Applications	ELISA Western blot Flow Cytometry
Form	Liquid
Additional notes	ab136225 binds D-Biotin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. pH: 7.40 Constituents: 50% PBS, 50% Glycerol
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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

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

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