

Product datasheet

Recombinant Streptavidin Protein

MB78833



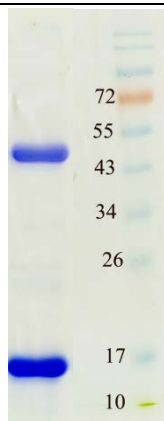
<i>General characteristics</i>	
Host	E.coli
Source	Streptomyces avidinii
Specificity	(Extinction coefficient = 32. 1%. 280 nm)
Purity/Purification	Purity: >95% by SDS-page Purification: Ni column
Form/Format	Liquid; elution buffer (pH 7.2), 10% Glycerol
Concentration	3.72 mg/ml (lot specific)
Product Note	Molecular Weight Approx. 54,000 Da pH-stability pH 5.0 – 9.0
Structure	The protein is free of carbohydrate. The four subunits consisting of molecular weight of approx. 16,000 Da, each containing a single biotin-binding site. Each subunit has six tyrosine residues.
Applications	Streptavidin can be used for coating of solid phases (e.g., micro plates, beads etc.) as well as for use with biotin-labeled haptens and antibodies in universal immunological detection systems (streptavidin/biotin system).
Preparation and Storage	For long term storage, store at -20~-70 °C Avoiding freeze/thaw cycles.

Our MBpromise guarantee covers the use of MB78833 in the following tested applications.

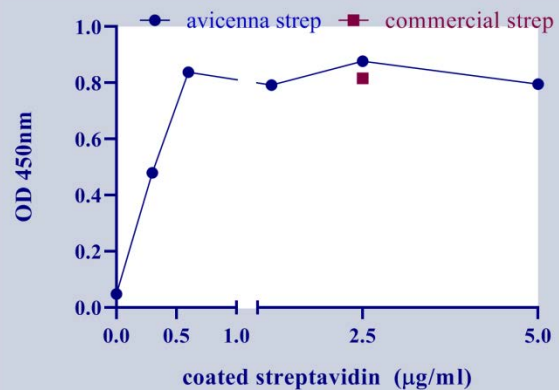
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Image1: SDS-Page of streptavidin Protein:

Under DTT-reducing SDS-PAGE condition, the streptavidin protein migrates with an apparent molecular weight of 16 kDa and 54 kDa representing the monomer and tetramer variants, respectively.



Images2: The reactivity of coated streptavidin recombinant protein (ELISA)



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
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Terms and conditions

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