

Streptavidin Active Protein

Streptavidin

CATALOG #
AAA10830HOST
Bacterium Streptomyces avidinii

PRODUCT SYNONYMS

Streptavidin; Streptavidin active protein

PRODUCT SPECIFICATIONS

Host	Bacterium Streptomyces avidinii
Form/Format	The streptavidin was lyophilized from a 25mg/ml solution in 10mM potassium phosphate buffer pH 6.5
Sequence Length	183
Physical Appearance	Sterile Filtered White-grey lyophilized (freeze-dried) powder.
Specific Activity	The biological activity is 16.8 U/mg, 1 unit binds 1 ug biotin.
Solubility	Gives a clear solution at 5mg/ml in 0.1M NaCl.
Preparation and Storage	Streptavidin although stable at 4°C for 3 weeks, should be stored desiccated below -18°C. For longer storage in dissolved form add 1mM EDTA and/or 0.02 % NaN₃ or pass the solution through a sterile filter. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Streptavidin active protein	Streptavidin is a protein produced by Streptomyces avidinii and isolated by purification from fermentation broth. The pure, homogeneous protein shows predominantly one single band in SDS-PAGE. Streptavidin consists of 4 identical subunits, each bearing an active binding site for biotin. Streptavidin has a molecular weight of 55kDa.
Product Categories/Family for Streptavidin active protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Streptavidin

NCBI AND UNIPROT INFORMATION

NCBI GI #	134951
UniProt Accession #	P22629
NCBI Official Full Name	Streptavidin
UniProt Protein Name	Streptavidin
UniProt Entry Name	SAV_STRAV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.comOnline datasheet: <https://stage.aaabiotech.com/bacterium-streptomyces-avidinii-active-protein/streptavidin/10830>