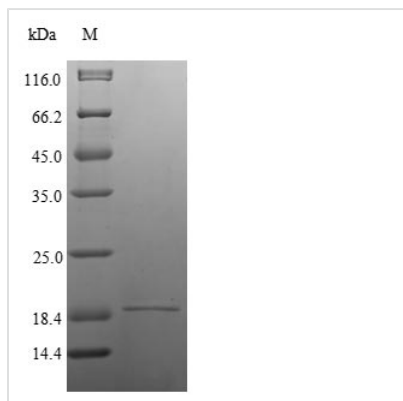




Recombinant Streptomyces avidinii Streptavidin

Product Code	CSB-YP332849SNO
Relevance	The biological function of streptavidin is not known. Forms a strong non-covalent specific complex with biotin (one molecule of biotin per subunit of streptavidin).
Abbreviation	Recombinant Streptomyces avidinii Streptavidin protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P22629
Product Type	Recombinant Proteins
Immunogen Species	Streptomyces avidinii
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DPSKDSKAQVSAAEAGITGTWYNQLGSTFIVTAGADGALTGTYESAVGNAESR YVLTGRYDSAPATDGSGTALGWTVAWKNNYRNAHSATTWSGQYVGGAEARI NTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAASIDAACKAGVNNGNPLDA VQQ
Research Area	Others
Source	Yeast
Target Names	N/A
Protein Names	Recommended name: Streptavidin
Expression Region	25-183aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	18.5kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Expand your molecular biology and biotechnology studies with our Recombinant *Streptomyces avidinii* Streptavidin. Originating from *Streptomyces avidinii*, this high-purity Streptavidin plays a crucial role in a wide array of applications due to its extremely high affinity to biotin, making it a vital tool for researchers in protein science and other biotechnological sectors.

This product encompasses the full length of the mature protein, specifically spanning the amino acid region from 25-183. Expressed in yeast, the protein is equipped with an N-terminal 6xHis-tag, allowing for easy detection and purification. Notably, the Recombinant *Streptomyces avidinii* Streptavidin surpasses a 90% purity level, as confirmed by SDS-PAGE, ensuring high-quality performance in your experiments. It's available as a liquid or as a lyophilized powder, offering flexibility for various experimental requirements. This product is an excellent choice for scientists pursuing advanced studies in protein interactions, diagnostics, and therapeutics development.

Shelf Life

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