

Recombinant Streptomyces avidinii Streptavidin protein

Catalog No: #AP72916

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP72916-1 20ug #AP72916-2 100ug #AP72916-3 1mg

Description

Product Name	Recombinant Streptomyces avidinii Streptavidin protein
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-183aaSequence Info:Full Length
Accession No.	P22629
Uniprot	P22629
Calculated MW	18.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DPSKDSKAQVSAAEAGITGTWYNQLGSTFIVTAGADGALTGTYESAVGNAESRYVLTGRYDSAPATDGS GTA LGWTVAWKNNYRNAHSATTWSGQYVGGAEARINTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAASIDAA KKAGVNNGNPLDAVQQ
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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).

References

Structural studies of the streptavidin binding loop.Freitag S., le Trong I., Klumb L., Stayton P.S., Stenkamp R.E.Protein Sci. 6:1157-1166(1997)Research Topic:Others

Note: This product is for in vitro research use only