

# Recombinant Streptomyces avidinii Streptavidin protein

Catalog No: #AP72916

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

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## 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	DPSKDSKAQVSAAEAGITGTWYNQLGSTFIVTAGADGALTGTYESAVGNAESRYVLTGRYDSAPATDGSGTALGWTVAWKNNYRNAHSATTWSGQYVGGAEARINTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAASIDAAKKAGVNNGNPLDAVQQ
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

## 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