

# Recombinant Salmonella typhi Outer membrane protein A

Catalog No: #AP72316

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Package Size: #AP72316-1 20ug #AP72316-2 100ug #AP72316-3 1mg

## Description

Product Name	Recombinant Salmonella typhi Outer membrane protein A
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-349aaSequence Info:Partial
Accession No.	Q8Z7S0
Uniprot	Q8Z7S0
GeneID	1247515;
Calculated MW	38.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	TWYAGAKLGWSQYHDTGFIHNDGPTHEQLGAGAFGGYQVNPYVGFEMGYDWLGRMPYKGDNTNGAYKA QGVQLTAKLGYPTDDLDVYTRLGGMVWRADTKSNVPGGASTKDHDGTGVSVPVFAAGIEYAITPEIATRLEYQW TNNIGDANTIGTRPDNGLLSVGVSYRFGQQAAPVAPAPAPEVQTKHFTLKSDVLFNFKSTLKPEGQQA LDQLYSQLSNLDPKDGSVVVLGFTDRIGSDAYNQGLSEKRAQSVVDYLISKGIPSDKISARGMGESNPVTGNT CDNVKPRAALIDCLAPDRRVEIEVKGVKDVVTQPQ
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

Required for the action of colicins K and L and for the stabilization of mating aggregates in conjugation. Serves as a receptor for a number of T-even like phages. Also acts as a porin with low permeability that allows slow penetration of small solutes .

## References

Complete genome sequence of a multiple drug resistant Salmonella enterica serovar Typhi CT18.Parkhill J., Dougan G., James K.D., Thomson N.R., Pickard D., Wain J., Churcher C.M., Mungall K.L., Bentley S.D., Holden M.T.G., Sebaihia M., Baker S., Basham D., Brooks K., Chillingworth T., Connerton P., Cronin A., Davis P., Davies R.M., Dowd L., White N., Farrar J., Feltwell T., Hamlin N., Haque A., Hien T.T., Holroyd S., Jagels K., Krogh A., Larsen T.S., Leather S., Moule S., O'Gaora P., Parry C., Quail M.A., Rutherford K.M., Simmonds M., Skelton J., Stevens K., Whitehead S., Barrell B.G.Nature 413:848-852(2001)Research Topic:Others

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Note: This product is for in vitro research use only