

Recombinant Lipopolysaccharide export system protein LptA



Catalog No: #AP72970

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Package Size: #AP72970-1 20ug #AP72970-2 100ug #AP72970-3 1mg

Description

Product Name	Recombinant Lipopolysaccharide export system protein LptA
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-185aaSequence Info:Full Length
Accession No.	P0ADV1
Uniprot	P0ADV1
GeneID	947920;
Calculated MW	19.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VTGDTDQPIHIESDQQSLDMQGNVVTFTGNVIVTQGTIKINADKVVVTRPGGEGQKEVIDGYGKPATFYQMQR NGKPVVEGHASQMHYELAKDFVLTGNAYLQQVDSNIKGDKITYLVKEQKMQAFSDKGRVTTVLVPSQLQDK NNKGQTPAQKGN
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

Involved in the assbly of lipopolysaccharide (LPS). Required for the translocation of LPS from the inner mbrane to the outer mbrane. May form a bridge between the inner mbrane and the outer mbrane, via interactions with LptC and LptD, thereby facilitating LPS transfer across the periplasm.

References

Non-essential KDO biosynthesis and new essential cell envelope biogenesis genes in the Escherichia coli yrbG-yhbG locus.Sperandeo P., Pozzi C., Deho G., Polissi A.Res. Microbiol. 157:547-558(2006)Research Topic:Others

Note: This product is for in vitro research use only