

Recombinant Escherichia coli Lipopolysaccharide export system protein lptA(lptA)

Catalog No: #AP71143

Package Size: #AP71143-1 20ug #AP71143-2 100ug #AP71143-3 1mg

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Description

Product Name	Recombinant Escherichia coli Lipopolysaccharide export system protein lptA(lptA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-185aaSequence Info:Full Length
Accession No.	P0ADV1
Calculated MW	33.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	VTGDTDQPIHIESDQQSLDMQGNVVTFTGNVIVTQGTIKINADKVVVTRPGGEQGKEVIDGYGKPATFYQMQRD NGKPVVEGHASQMHYELAKDFVVLTGNAYLQQVDSNIKGDKITYLVKEQKMQAFSDKGKRVTTVLVPSQLQDK NNKGQTPAQKKGN
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

Characterization of interactions between LPS transport proteins of the Lpt system.Bowyer A., Baardsnes J., Ajamian E., Zhang L., Cygler M.Biochem. Biophys. Res. Commun. 404:1093-1098(2011)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.