

Recombinant Lipopolysaccharide export system protein LptC

Catalog No: #AP72971

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Package Size: #AP72971-1 20ug #AP72971-2 100ug #AP72971-3 1mg

Description

Product Name	Recombinant Lipopolysaccharide export system protein LptC
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-191aaSequence Info:Full Length
Accession No.	P0ADW0
Uniprot	P0ADW0
Calculated MW	23.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSKARRWVIIVLSLAVLVMIGINMAEKDDTAQVVVNNNDPTYKSEHTDTLVYNPEGALSYRLIAQHVEYYSDQA VSWFTQPVLTTFDKDKIPTWSVKADKAKLTNDRMLYLYGHVEVNALVPDSQLRRITTDNAQINLVTQDVTSEDL VTLYGTTFNSSGLKMRGNLRSKNAELIEKVRTSYEIQNKQTQP
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. Facilitates the transfer of LPS from the inner mbrane to the periplasmic protein LptA. Could be a docking site for LptA.

References

Extensive mosaic structure revealed by the complete genome sequence of uropathogenic Escherichia coli.Welch R.A., Burland V., Plunkett G. III, Redford P., Roesch P., Rasko D., Buckles E.L., Liou S.-R., Boutin A., Hackett J., Stroud D., Mayhew G.F., Rose D.J., Zhou S., Schwartz D.C., Perna N.T., Mobley H.L.T., Donnenberg M.S., Blattner F.R.Proc. Natl. Acad. Sci. U.S.A. 99:17020-17024(2002)Research Topic:Others

Note: This product is for in vitro research use only