

Recombinant Escherichia coli LPTA Protein (28-185 aa), His-tagged

Cat. No. LPTA-1616E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) LPTA Protein (28-185 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	E.coli
Source	Yeast
ProteinLength	28-185 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	19.3 kDa
AA Sequence	VTGDTDQPIHIESDQQSLDMQGNVVTFTGNVIVTQGTIKINADKVVVTRPGGEQGKE VIDGYGKPATFYQMQDNGKPVEGHASQMHYELAKDFVVLTGNAYLQQVDSNIKGD KITLVKEQKMQAFSDKGKRVTTVLVPSQLQDKNNKGQTTPAQKKGN
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

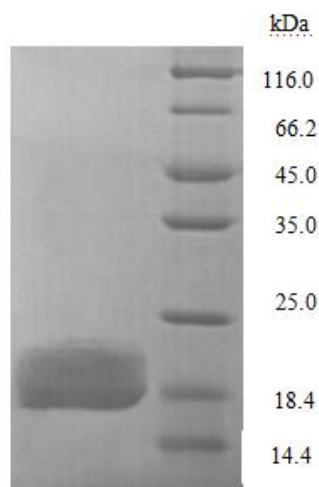
GENE INFORMATION

Gene Name	lptA lipopolysaccharide transport system protein LptA [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	LPTA
Synonyms	ECK3189; yhbN;
Gene ID	947920
Protein Refseq	NP_417667
UniProt ID	P0ADV1

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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