Recombinant Full Length Lipid A Biosynthesis (Kdo)2-(Lauroyl)-Lipid Iva Acyltransferase 2 Protein, His-Tagged

Cat. No. RFL20897SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Lipid A biosynthesis (KDO)2-(lauroyl)-lipid IVA acyltransferase 2 Protein (O06659) (1-314aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Shigella flexneri
Source	E.coli
ProteinLength	Full Length (1-314)
Form	Lyophilized powder
AA Sequence	MKKYKSEFIPEFKKNYLSPVYWFTWFVLGMIAGISMFPPSFRDPVLAKIGRWVGRLS RKA RRRATINLSLCFPEKSDTEREIIVDNMFATALQSIVMMAELAIRGPEKFQKRVFW KGLEI LEEIRHNNRNVIFLVPHGWSVDIPAMLLAAQGEKMAAMFHQQRNPVIDYVW NSVRRKFGG RLHSREDGIKPFIQSVRQGYWGYYLPDQDHGPEYSEFADFFATYKA TLPIIGRLMNISQA MIIPLFPVYDEKKHFLTIEVRPPMDACIASADNKMIARQMNKTVEI LVGSHPEQYIWVLK LLKTRKSNEADPYP
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	lpxM2
Synonyms	lpxM2; msbB; msbB2; CP0238; Lipid A biosynthesis myristoyltransferase 2; Kdo(2-lauroyl-lipid IV(A myristoyltransferase 2
UniProt ID	O06659

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