

Recombinant Pseudomonas Aeruginosa LPXC Protein (1-303 aa), His-SUMO-tagged

Cat. No. LPXC-2089P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pseudomonas Aeruginosa (strain ATCC 15692/DSM 22644/CIP 104116/JCM 14847/LMG 12228/1C/PRS 101/PAO1) LPXC Protein (1-303 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Pseudomonas Aeruginosa
Source	E.coli
ProteinLength	1-303 aa
Description	Catalyzes the hydrolysis of UDP-3-O-myristoyl-N-acetylglucosamine to form UDP-3-O-myristoylglucosamine and acetate, the committed step in lipid A biosynthesis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	49.4 kDa
AA Sequence	MIKQRTLKNIIRATGVGLHSGEKVYLTLKPAPVDTGIVFCRTDLPVVEIPARAENVGE TTMSTTLVKGDVKVDTVEHLLSAMAGLGIDNAYVELSASEVPIMDGSAGPFVFLIQSA GLQEQAANKFIRIKREVSVEEGDKRAVFVPFDGFKVSFEIDFDHPVFRGRTQQASV DFSSTSFVKEVSRARTFGFMRDIEYLRSQLALGGSVENAIVVDENRVLNEDGLRYE DEFVKHKILDAIGDLYLLGNLIGEFRGFKSGHALNNQLLRTLIADKDAWEVVTFEDA

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	RTAPISYMRPAAAV
Purity	> 90% as determined by SDS-PAGE.
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.

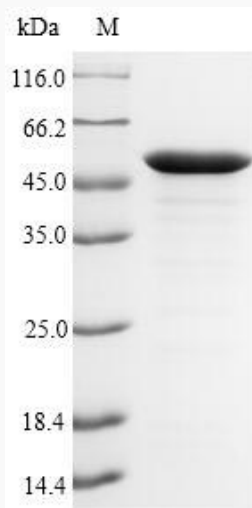
GENE INFORMATION

Gene Name	lpxC UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase [<i>Pseudomonas aeruginosa</i> PAO1]
Official Symbol	LPXC
Synonyms	lpxC;
Gene ID	881292
Protein Refseq	NP_253096
UniProt ID	P47205

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

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