Recombinant Escherichia coli LOIP Protein (19-252 aa), His-tagged

Cat. No. LOIP-2326E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) LOIP Protein (19-252 aa) is produced by E. coli 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	E.coli
ProteinLength	19-252 aa
Description	Metalloprotease that cleaves substrates preferentially between Phe-Phe residues. Plays a role in response to some stress conditions. Seems to regulate the expression of speB.
Form	Tris-based buffer,50% glycerol
Molecular Mass	29.0 kDa
AA Sequence	CQNMDSNGLLSSGAEAFQAYSLSDAQVKTLSDQACQEMDSKATIAPANSEYAKRLT TIANALGNNINGQPVNYKVYMAKDVNAFAMANGCIRVYSGLMDMMTDNEVEAVIGH EMGHVALGHVKKGMQVALGTNAVRVAAASAGGIVGSLSQSQLGNLGEKLVNSQFS QRQEAEADDYSYDLLRQRGISPAGLATSFEKLAKLEEGRQSSMFDDHPASAERAQH IRDRMSADGIK

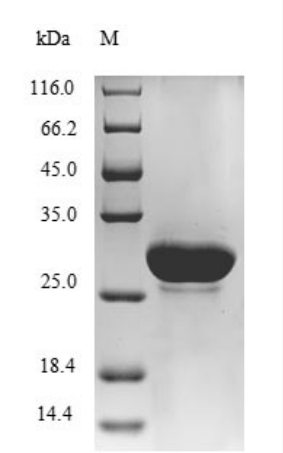
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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	loiP metalloprotease LoiP [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	LOIP
Synonyms	loiP; ECK2931; yggG;
Gene ID	945173
Protein Refseq	NP_417411
UniProt ID	P25894

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

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