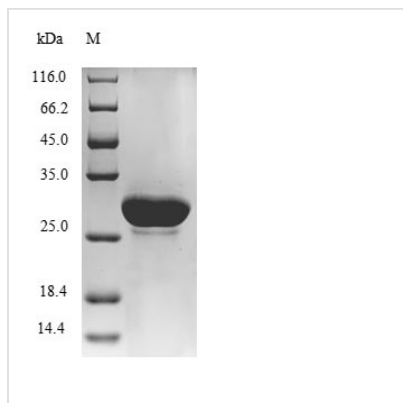




Recombinant Escherichia coli Metalloprotease LoiP (loiP)

Product Code	CSB-EP326582ENV
Relevance	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.
Abbreviation	Recombinant E.coli loiP protein
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.
Uniprot No.	P25894
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	CQNMDSNGLLSSGAEAFQAYSLSDAQVKTLSDQACQEMDSKATIAPANSEYA KRLTTIANALGNNINGQPVNYKVYMAKDVNAFAMANGCIRVYSGLMDDMTDN EVEAVIGHHEMIGHVALGHVKKGMQVALGTNAVRVAAASAGGIVGSLSQLGN LGEKLVNSQFSQRQAEADDYSYDLLRQRGISPAGLATSFEKLAKLEEGRQSS MFDDHPASAERAQHIRDRMSADGIK
Research Area	others
Source	E.coli
Target Names	loiP
Protein Names	yggG
Expression Region	19-252aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	29.0 kDa
Protein Length	Full Length of Mature Protein
Image	



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

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.