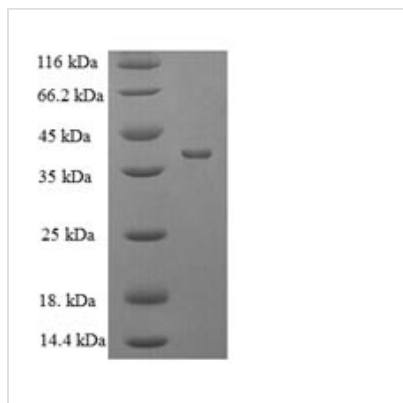




# Recombinant Escherichia coli Protease 7 (ompT)

<b>Product Code</b>	CSB-EP357589ENV
<b>Relevance</b>	Protease that can cleave T7 RNA polymerase, ferric enterobactin receptor protein (FEP), antimicrobial peptide protamine and other proteins. This protease has a specificity for paired basic residues.
<b>Abbreviation</b>	Recombinant E.coli ompT protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P09169
<b>Alias</b>	OmpTOuter membrane protein 3BProtease AProtease VII
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	STETLSFTPDNINADISLGLTSGKTKERVYLAEEGGRKVSQLDWKFNNAIIKG AINWDLMPQISIGAAGWTTLGSRRGNMVDQDWMDSSNPGTWTDSESRHPDT QLNYANEFDLNIKGWLLNEPNYRLGLMAGYQESRYSFTARGGSYIYSSEEGFR DDIGSFPNGERAIGYKQRFKMPYIGLTGSYRYEDFELGGTFKYSGWVSSDN DEHYDPGKRITYRSKVKDQNYYSVAVNAGYYVTPNAKVYVEGAWNRVTNKK GNTSLYDHNNNTSDYSKNGAGIENYNFITTAGLKYTF
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	ompT
<b>Expression Region</b>	21-317aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	37.5kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(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.