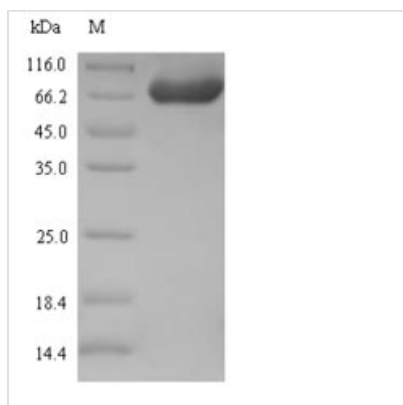




Recombinant *Proteus mirabilis* Serralysin (zapA)

Product Code	CSB-EP606126EYY
Relevance	One of the virulence factors produced during swarmer cell differentiation of the bacteria, which seems to be associated with pathogenesis. The protease activity is limited to IgA1, IgA2, as well as IgG degradation.
Abbreviation	Recombinant <i>Proteus mirabilis</i> zapA 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.	Q11137
Alias	Extracellular domain metalloprotease
Product Type	Recombinant Protein
Immunogen Species	<i>Proteus mirabilis</i>
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	DLLDKSGIFYNYSTKVLPSFDYDTAGKHIAREDSTWNGKYVIGQPAEVTYSFPK WEGKFNQFGNKNPYEFNELQKEHARKSLDAWSDIANIKFTEVAVGNVDGMKA SDVKTDITFGNIYDPNGTFQAYATLPNTYAYGKDLSGQAWFSDYHYAGNTTPE LGNYGRLTIIHEIGHTLGLMHPGDYNAGQNVPGYLKSDYAEDSRQYTVMSYW DEYETGAHFQGAYAGAPLLHDISAMQYLYGANTTTTRTGDDVYGFNSNTGIDYY TATDSNDKLIFSVWDSGGNDTFDFSGFYQDQLIDLRAGNFSDVGGGLQKNVSIA QNVTIENAIGGFGNDIIHGNDADNTLIGGEGDDIYGHSGNNTIYGGRGQDTLH GGTGSNTFIYKEIADSLVTAADKIMDFKTGIDKIDLSTLIQDTFSSKILNFVDNFTG NAGEATLSYNEVTNASELAINAYGYNPNPDFKIDIVGFVNYETDFIV
Research Area	Microbiology
Source	E.coli
Target Names	zapA
Expression Region	17-491aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	68.4kDa
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.