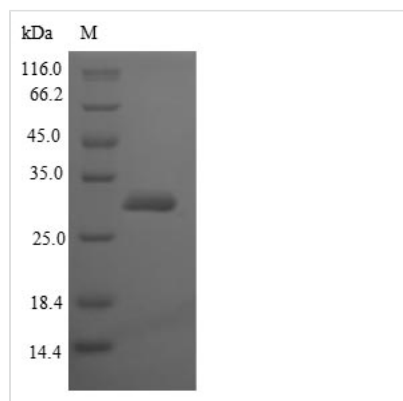




Recombinant Streptomyces clavuligerus Beta-lactamase inhibitory protein

Product Code	CSB-EP327444FOA
Relevance	Inhibits a wide variety of beta lactamases.
Abbreviation	Recombinant Streptomyces clavuligerus Beta-lactamase inhibitory 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.	P35804
Product Type	Recombinant Protein
Immunogen Species	Streptomyces clavuligerus
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AGVMTGAKFTQIQFGMTRQQVLDIAGAENCETGGSGDSTHCRGHAAGDYA YATFGFTSAAADAKVDSKSQEKLLAPSAPTLTLAKFNQVTVMTRAQVLATVG QGSCCTWSEYYPAYPSTAGVTLSLSCFDVDGYSSTGFYRGSAPHLWFTDGVLP GKRQWDLV
Research Area	others
Source	E.coli
Protein Names	Recommended name: Beta-lactamase inhibitory protein Short name= BLIP
Expression Region	37-201aa
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	33.5kDa
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.