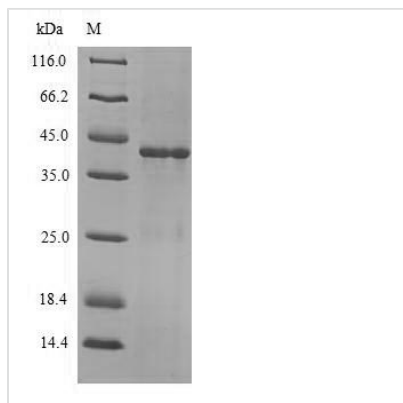


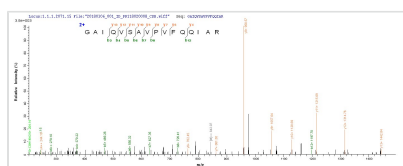


Recombinant Pseudomonas aeruginosa Beta-lactamase OXA-10 (bla)

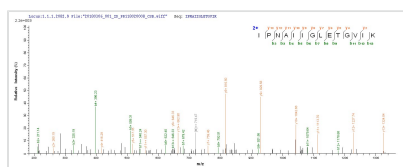
Product Code	CSB-EP321251EZW
Relevance	Hydrolyzes both carbenicillin and oxacillin.
Abbreviation	Recombinant Pseudomonas aeruginosa bla protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, 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.	P14489
Alias	Beta-lactamase PSE-2
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas aeruginosa
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SITENTSWNKEFSAEAVNGVFVLCKSSSKSCATNDLARASKEYLPASTFKIPNA IIGLETGVIKNEHQVFKWDGKPRAMKQWERDLTLRGAIQVSAVPVFQQIAREV GEVRMQKYLKKFSYGNQNISSGGIDKFWLEGQLRISAVNQVEFLESLYLNKLSA SKENQLIVKEALVTEAAPEYLVHSKTGFSGVGTESNPGVAWWVGWVEKETEV YFFAFNMDIDNESKLPLRKSIPTKIMESEGIIGG
Research Area	Microbiology
Source	E.coli
Target Names	bla
Protein Names	Recommended name: Beta-lactamase OXA-10 EC= 3.5.2.6Alternative name(s): Beta-lactamase PSE-2
Expression Region	21-266aa
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	43.5kDa
Protein Length	Full Length of Mature Protein
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP321251EZW could indicate that this peptide derived from E.coli-expressed *Pseudomonas aeruginosa* bla.



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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.