



Recombinant *Bacillus clausii* ATP-dependent Clp protease ATP-binding subunit ClpX (clpX)

Product Code	CSB-EP722823BAAC-B
Abbreviation	clpX
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.	Q5WEN9
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MFKFNEEKGQ LKCSFCGKTQ DQVRKLVAGP GVIYICDECIE LCTEIVVEEL GTDEEVEIEE IPKPNEICSI LDDYVIGQRE AKKSLSVAVY NHYKRINSMS RSEDVELSKS NITLIGPTGS GKTLLAQTLA RILNVPFAIA DATSLTEAGY VGEDVENILL KLIQAADYDV EKAEGIIYI DEIDKVARKS ENPSITRDVS GEGVQQALLK ILEGTTASVP PQGGRKHPHQ EFIQIDTTNV LFICGGAFDG IEQIIKRRLG KKVIGFGTDD AKQDDLKPGY YLSKVLPEDL LRFGLIPEFI GRLPISSLS PLDTDALVEI LTKPKNALVK QYQKLLELDD VELEFTEDAL REIANKAIER KTGARGLRSI IEGIMLDVMF DLPSREDAVK CIIHGACVTD DAPPILKSAD GTELTLDKPK ESA
Source	<i>E. coli</i>
Target Names	clpX
Protein Names	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpX
Expression Region	1-423
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.