



Recombinant Rickettsia typhi ATP-dependent Clp protease ATP-binding subunit ClpX (clpX)

Product Code	CSB-EP718120RNE
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.	Q68W45
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MVVDADKKEL ICSFCSKKQH EVKKLIAGPA VFICDECIDL CTDIMKEESK VALKQITASI PTPQKICKIL NDYVVGQDKA KKILAVAVYN HYKRLEYVQS GNNDVELNKS NILLIGPTGS GKTLLAQTAL KILDVPFTMA DATSLTEAGY VGEDVENILL RLLISAEFNI AKAQKGIIYI DEVDKIARKS DNPSITRDVS GEGVQQALLK IMEGTVASVP PQGGRKHPQQ DFVQLDTSNI LFICGGAFMG IDRIIRSRTN HSSIGFAANI NIDKEKNNNE VLKSLEIEDL TKFGLIPEFI GRLPIVTTL ELDKESLITI LTKPKNAIVK QYQKQFELDD AELVIEYSAL EAIAEKALVK KTGARGLR SI LEHLLDSMY KVAELKKQRV TLTKEVVDGL IEPVMTSIIS TKLNKKQQMI EDIPA
Source	E.coli
Target Names	clpX
Protein Names	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpX
Expression Region	1-425
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.