



Recombinant *Synechococcus elongatus* ATP-dependent Clp protease ATP-binding subunit ClpX (clpX)

Product Code	CSB-EP520184FPY
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.	O34126
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MSRYDShLkC SFCGKSQEQV RkLIAGPGVY ICDECVDLCN EILDEELFDG NANPAPPPGS PKPATAATTS HQGPRKPKRS LTLSQIPKPH DIKRYLDHHV IGQNEAKKML SVAVYNHYKR LAYQQSAEEA GETIEIQKSN ILLIGPTGCG KTLAQTLAK LLDVpFAVAD ATTLTEAGYV GEDVENILLR LLQVADLDIE EAQRGIYID EIDKIARKSE NPSITRDVSG EGVQQALLKM LEGTIANVPP QGGRKHPYQD CIQIDTRNIL FICGGAFVGL EKLVDRLGK KsigfVHPEE SKTKEQRAAA ILRHMEPEDL VQFGLIPEFI GRMPVTAVLD PLDETALTEI LTEPRDALVK QYQKLMHMDS VELEFRQDAI EAIAREAFRR KTGARALRGI VEEIMLEVMY ELPSRQDVTH CTITREMVEK RSSADVLLLP SSLPTPESA
Source	E.coli
Target Names	clpX
Protein Names	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpX
Expression Region	1-449
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.