



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

<b>Product Code</b>	CSB-EP520184FPY-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	O34126
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Synechococcus elongatus</i> (strain PCC 7942) ( <i>Anacystis nidulans</i> R2)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSRYDShLkC SFCGKSQEQV RkLIAGPGVY ICDECVDLCN EILDEELFDG NANPAPPPGS PKPATAATTS HQGPRKPKRS LTLSQIPKPH DIKRYLDHHV IGQNEAKKML SVAVYNHYKR LAYQQSAEEA GETIEIQKSN ILLIGPTGCG KTLAQTLAK LLDVPFVAVAD 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
<b>Source</b>	E.coli
<b>Target Names</b>	clpX
<b>Protein Names</b>	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpX
<b>Expression Region</b>	1-449
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.