



# Recombinant ATP-dependent Clp protease ATP-binding subunit ClpA (clpA)

<b>Product Code</b>	CSB-EP359621EGX
<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>	P0AB10
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLNQELELSL NMAFARAREH RHEFMTVEHL LLALLSNPSA REALEACSVD LVALRQELEA FIEQTPVLP ASEEERDTQP TLSFQRLVQR AVFHVQSSGR NEVTGANVLV AIFSEQESQA AYLLRKHEVS RLDVVNFISH GTRKDEPTQS SDPGSQPNSE EQAGGEERME NFFTNLNQLA RVGGIDPLIG REKELERAIQ VLCRRRKNNP LLVGESGVGK TAIAGEGLAWR IVQGDVPEVM ADCTIYSLDI GSLLAGTKYR GDFEKRFKAL LKQLEQDTNS ILFIDEIHTI IGAGAASGGQ VDAANLIKPL LSSGKIRVIG STTYQEFSNI FEKDRALARR FQKIDITEPS IEETVQIING LKPKYEAHHD VRYTAKAVRA AVELAVKYIN DRHLPDKAID VIDEAGARAR LMPVSKRKKT VNVADIESVV ARIARIPEKS VSQSDRDTLK NLGDRLKMLV FGQDKAIEAL TEAIKMARAG LGHEHKPVGS FLFAGPTGVG KTEVTVQLSK ALGIELLRFD MSEYMERHTV SRLIGAPPGY VGFDQGGLLT DAVIKHPHAV LLLDEIEKAH PDVFNILLQV MDNGTLTDNN GRKADFRNVV LVMTTNAGVR ETERKSIGLI HQDNSTDAME EIKKIFTPEF RNRLDNIIWF DHLSTDVIHQ VVDKFIVELQ VQLDQKGVSL EVSQEARNWL AEKGYDRAMG ARPMARVIQD NLKKPLANEL LFGSLVDGGQ VTVALDKEKN ELTYGFQSAQ KHKAEEAH
<b>Source</b>	E.coli
<b>Target Names</b>	clpA
<b>Protein Names</b>	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpA
<b>Expression Region</b>	1-758
<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.

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