



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

Product Code	CSB-YP359621EGX
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.	P0AB10
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MLNQELELSL NMAFARAREH RHEFMTVEHL LLALLSNPSA REALEACSVD LVALRQELEA FIEQTPVLP ASEEERDTQP TLSFQRLVQR AVFHVQSSGR NEVTGANVLV AIFSEQESQA AYLLRKHEVS RLDVVNFISH GTRKDEPTQS SDPGSQPNSE EQAGGEERME NFFTNLNQLA RVGGIDPLIG REKELERAIQ VLCRRRKNNP LLVGESGVGK TAIAGEAWR IVQGDVPEVM ADCTIYSLDI GSLLAGTKYR GDFEKRFKAL LKQLEQDTNS ILFIDEIHTI IGAGAASGGQ VDAANLIKPL LSSGKIRVIG STTYQEFNSI 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 RNRLDNIWF DHLSTDVIHQ VVDKFIVELQ VQLDQKGVSL EVSQEARNWL AEKGYDRAMG ARPMARVIQD NLKKPLANEL LFGSLVDGGQ VTVALDKEKN ELTYGFQSAQ KHKAEEAH
Source	Yeast
Target Names	clpA
Protein Names	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpA
Expression Region	1-758
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

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