



Recombinant Lon protease (lon)

Product Code	CSB-BP359319EGX
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.	P0A9M1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	NPERSERIE IPVLPLRDVV VYPHMIPLF VGREKSIRCL EAAMDHDKKI MLVAQKEAST DEPGVNDLFT VGTVASILQM LKLPDGTVKV LVEGLQRARI SALSNDGEHF SAKAEYLESP TIDEREQEV LVRTAISQFEG YIKLNKKIPP EVLTSLSNSID DPARLADTIA AHMPLKLADK QSVLEMSDVN ERLEYLMAMM ESEIDLLQVE KRIRNRVKKQ MEKSQREYYL NEQMKAIQKE LGEMDDAPDE NEALKRKIDA AKMPKEAKEK AEAELQKMKM MSPMSAEATV VRGYIDWMVQ VPWNARSKVK KDLRQAQEIL DTDHYGLERV KDRILEYLAV QSRVNIKIGP ILCLVGPPGV GKTSLGQSSIA KATGRKYVRM ALGGVRDEAE IRGHRRTYIG SMPGKLIQKM AKVGVKNPLF LLDEIDKMSS DMRGDPASAL LEVLDPEQNV AFSDHYLEVD YDLSVDMFVA TSNSMNIAP LLDRMEVIRL SGYTEDEKLN IAKRHLLPKQ IERNALKKGE LTVDDSAIIG IIRYYTREAG VRGLEREISK LCRKAVKQLL LDKSLKHIEI NGDNLHDYLG VQRFDYGRAD NENRVGQVTG LAWTEVGGDL LTJETACVPG KGKLTYTGSL GEVMQESIQA ALTVVRARAE KLGINPDFYE KRDIHVHVPE GATPKDGP SA GIAMCTALVS CLTGPNVRAD VAMTGEITLR GQVLPIGGLK EKLLAAHRGG IKTVLIPFEN KRDLEEIPDN VIADLDIHPV KRIEEVLT LA LQNEPSGMQV VTAK
Source	Baculovirus
Target Names	lon
Protein Names	Recommended name: Lon protease EC= 3.4.21.53 Alternative name(s): ATP-dependent protease La
Expression Region	2-784
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 of Mature 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.