



Recombinant Escherichia coli ATP-dependent Clp protease proteolytic subunit (clpP)

Product Code	CSB-EP630125EGW
Relevance	Cleaves peptides in various proteins in a process that requires ATP hydrolysis. Has a chymotrypsin-like activity. Plays a major role in the degradation of misfolded proteins.
Abbreviation	Recombinant E.coli clpP protein
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.	Q1RF98
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	ALVPMVIEQTSRGERSFDIYSRLLKERVIFLTGQVEDHMANLIVAQMLFLEAEN PEKDIYLYINSPGGVITAGMSIYDTMQFIKPDVSTICMGQAASMGAFLLTAGAK GKRFCLPNSRVMIHQPLGGYQGQATDIEIHAREILKVKGRMNELMALHTGQSL EQIERDTERDRFLSAPEAVEYGLVDSILTHRN
Research Area	Metabolism
Source	E.coli
Target Names	clpP
Protein Names	Endopeptidase Clp
Expression Region	15-207aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.6 kDa
Protein Length	Full Length of Mature Protein
Image	

