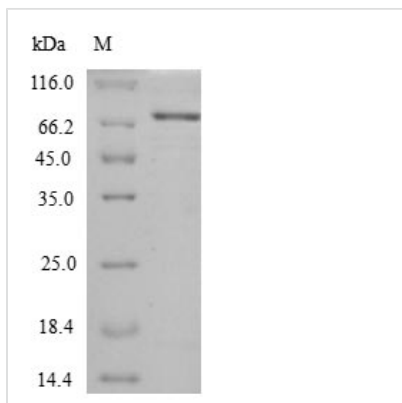




Recombinant Escherichia coli Chaperone protein HtpG (htpG)

Product Code	CSB-EP358897ENVe1
Relevance	Molecular chaperone. Has ATPase activity.
Abbreviation	Recombinant E.coli htpG 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.	P0A6Z3
Alias	Heat shock protein C62.5 Heat shock protein HtpG High temperature protein G
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKGQETRQGFQSEVKQLLHLMIHSLYSNKEIFLRELISNASDAADKLRFRALSNP DLYEGDGELRVRVVSFDKDKRRTLISDNGVGMTRDEVIDHLGTIAKSGTKSFLES LGSDQAKDSQLIGQFGVGFYSAFIVADKVTVRTRAAGEKPENGVFWESAGEG EYTVADITKEDRGTEITLHLREGEDEFLLDDWRVRSIISKYSDHIALPVEIEKREEK DGETVISWEKINKAQALWTRNKSEITDEEYKEFYKHIAHDFNDPLTWSHNRVE GKQEYTSLLYIPSQAPWDMWNRDHKHGLKLYVQRFVIMDDAEQFMPNYLRFV RGLIDSSDLPLNVSREILQDSTVTRNLRNALTKRVLQMLEKLAKDDAEKYQTFW QQFGLVLKEGPAEDFANQEAIKLLRFASHTDSSAQTVSLEDYVSRMKEGQE KIYYITADSYAAAKSSPHLELLRKKGIEVLLLSDRIDEWMMNYLTFDQKPFQSV SKVDESLEKLADEVDESAKEAEKALTPFIDRVKALLGERVKDVRRLTHRLTDPAI VSTDADEMSTQMAKLFAAAGQKVPEVKYIFELNPDHVLVKRAADTEDEAKFSE WVELLLDQALLAERGTLEDPNLFIRRMNQLLVS
Research Area	others
Source	E.coli
Target Names	htpG
Expression Region	1-624aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	71.4kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.