

Recombinant E. coli htpG Protein, His-tagged

Cat. No. htpG-1247E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli (strain K12) htpG Protein (1-624aa) was expressed in E. coli with N-terminal His-tag.
Species	E.coli
Source	E.coli
ProteinLength	1-624 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	75.4 kDa
AA Sequence	MKGQETRGFQSEVKQLLHLMHSLYSNKEIFLRELISNASDAADKLRFRALSNPDLYE GDGELRVRVSFDDKDKRTLITSDNGVGMTRDEVIDHLGTIAKSGTKSFLESLGSDQAK DSQLIQFGVGFYSAFIVADKVTVRTRAAGEKPENGVFWESEGEYTVADITKEDR GTEITLHLREGEDEFLLDDWRVRSIISKYSDHIALPVEIEKREEKDGETVISWEKINKAQ ALWTRNKSEITDEEYKEFYKHIAHDFNDPLTWSHNRVEGKQEYTSLLYIPSQAPWD MWNRDHKHGLKLYVQRFIMDDAEQFMPNYLRFVRGLIDSSDLPLNVSREILQDST VTRNLRNALTNRVLQMLEKLAKDDAEKYQTFWQQFGLVLKEGPAEDFANQEAIKLL RFASTHTDSSAQTVSLEDYVSRMKEGQEKIYYITADSYAAAKSSPHLELLRKKGIEVL LLSDRIDEWMMNYLTEFDGKPFQSVSKVDESLEKLADDEVDESAKEAEKALTPFIDRV KALLGERVKDVRRLTHRLTDTPAIVSTDADDEMSTQMAKLFAAGQKVPEVKYIFELNP DHVLVKRAADTEDEAKFSEWVELLLDQALLAERGTLDPNLFIRRMNQLLVS

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	htpG protein refolding molecular co-chaperone Hsp90, Hsp70-dependent; heat-shock protein; ATPase [<i>Escherichia coli</i> str. K-12 substr. MG1655]
Official Symbol	htpG
Synonyms	htpG; ECK0467; JW0462; Chaperone protein htpG; Heat shock protein C62.5; Heat shock protein htpG; High temperature protein G
Gene ID	945099
Protein Refseq	NP_415006.1
UniProt ID	P0A6Z3

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