

Recombinant Human HELQ protein, His&Myc-tagged

Cat. No. HELQ-5766H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HELQ protein(Q8TDG4)(350-726aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	350-726aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.8 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

QERKNLIYSLPTSGGKTLVAEILMLQELLCCRKDVLMILPYVAIVQEKISGLSSFGLG
 FFVEEYAGSKGRFPPTKRREKKSLEYIATIEKGHSLVNSLIETGRIDSLGLVVDELHMI
 GEGSRGATLEMTLAKILYTSKTTQIIGMSATLNNVEDLQKFLQAEYYTSQFRPVELKE
 YLKINDTIYEVDKAENGMTFSRLLNYKYSDTLKKMDPDHLVALVTEVIPNYSCLVFC
 PSKKNCENVAEMICKFLSKEYLKHKEKEKCEVIKLNKNIGNGNLCPVLKRTIPFGVAY
 HHSGLTSDERKLLLEEAYSTGVLCFTCTSTLAAGVNLPAARRVILRAPYVAKEFLKRNQ
 YKQMIGRAGRAGIDTIGESILILQEK

GENE INFORMATION

Gene Name [HELQ helicase, POLQ-like \[Homo sapiens \]](#)

Official Symbol [HELQ](#)

Synonyms [HELQ](#); helicase, POLQ-like; helicase POLQ-like; Hel308; POLQ-like helicase; DNA helicase HEL308; mus308-like helicase; HEL308; MGC20604;

Gene ID [113510](#)

mRNA Refseq [NM_133636](#)

Protein Refseq [NP_598375](#)

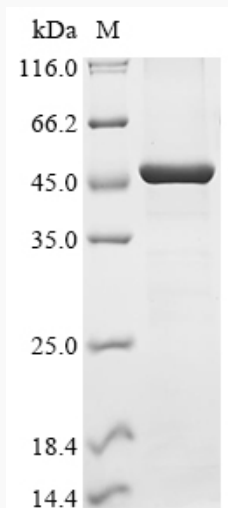
MIM [606769](#)

UniProt ID [Q8TDG4](#)

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SDS-PAGE

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