



# Recombinant Escherichia coli Helicase IV (helD)

<b>Product Code</b>	CSB-MP325324ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P15038
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MELKATTLGK RLAQHPYDRA VILNAGIKVS GDRHEYLIPF NQLLAIHCKR GLVWGELEFV LPDEKVRLH GTEWGETQRF YHHLDAHWR WSGEMSEIAS GVLRRQLDLI ATRTGENKWL TREQTSGVQQ QIRQALSALP LPVNRLEEFD NCREAWRKCC AWLKDIESAR LQHNQAYTEA MLTEYADFFR QVESSPLNPA QARAVVNGEH SLLVLGAGS GKTSVLVARA GWLLARGEAS PEQILLAFG RKAEEEMDER IRERLHTEDI TARTFHALAL HIIQQGSKKV PIVSKLENDT AARHELFAE WRKQCSEKKA QAKGWRQWLT EEMQWSVPEG NFWDDKLR RLASRLDRWV SLMRMHGGGAQ AEMIASAPEE IRDLFSKRIK LMAPLLKAWK GALKAEAVD FSGLIHQAIV ILEKGRFISP WKHILVDEFQ DISPQRAALL AALRKQNSQT TFAVGDDWQ AIYRFSGAQM SLTTAFHENF GEGERCDDT TYRFNSRIGE VANRFIQNP GQLKKPLNSL TNGDKKAVTL LDESQDALL DKLSGYAKPE ERILILARYH HMRPASLEKA ATRWPKLQID FMTIHASKGQ QADYVIIVGL QEGSDGFPA ARESIMEEAL LPPVEDFPDA EERRLMYVAL TRARHRVWAL FNKENPSPFV EILKNLDVPV ARKP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	helD
<b>Protein Names</b>	Recommended name: Helicase IV EC= 3.6.4.12 Alternative name(s): 75 kDa helicase
<b>Expression Region</b>	1-684
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
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