



Recombinant Escherichia coli Helicase IV (helD)

Product Code	CSB-EP325324ENV-B
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.	P15038
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MELKATTLGK RLAQHPYDRA VILNAGIKVS GDRHEYLIPF NQLLAIHCKR GLVWGELEFV LPDEKVVRLH 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 QEGSDGFPAA ARESIMEEAL LPPVEDFPDA EERRLMYVAL TRARHRVWAL FNKENPSPFV EILKNLDVPV ARKP
Source	E.coli
Target Names	helD
Protein Names	Recommended name: Helicase IV EC= 3.6.4.12 Alternative name(s): 75 kDa helicase
Expression Region	1-684
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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. 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.



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