

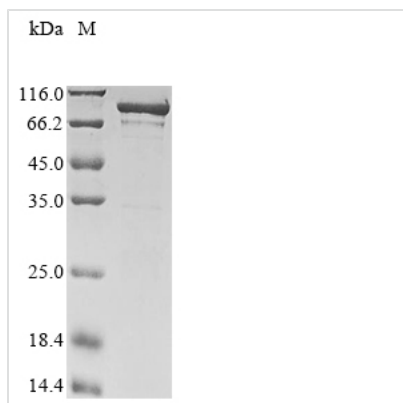


Recombinant Escherichia coli O157:H7 ATP-dependent DNA helicase recG (recG)

Product Code	CSB-EP855596EOD
Abbreviation	Recombinant E.coli O157:H7 recG 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.	Q8XD86
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli O157:H7
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MTGRLLDAVPLSSLTGVGAALSNKLAKINLHTVQDLLLHLPLRYEDRTHLYPIGE LLPGVYATVEGEVLNCNISFGGRRMMTCQISDGSGILTMRFFNFSAAMKNSLA TGRRVLAYGEAKRGKYGAEMIHPEYRVQGDLPSTPELQETLTPVYPTTEGVKQ ATLRKLTQALDLDLTCALIEELLPELSQGMMLTPEALRTLHRPPPTLQLSDLE TGQHPAQRRLLIEELLAHNLSMLALRAGAQRFFHAQPLSANDALKNKLLAALPFK PTGAQARVVAEIERDMALDVPMMRLVQGDVGSGLTLVAALALRAIAHGKQV ALMAPELLAEQHANNFRNWFEPLGIEVGWLAGKQKQKARLSQQEAIASGQV QMIVGTHAIFQEQQVFNGLALVIIDEQHRFGVHQRLALWEKGQQQGFHPLQLI MTATPIPRTLAMTAYADLDTVIDELPPGRTPVTTVAIPDTRRTDIIDRVRHACIT EGRQAYWVCTLIEESELLEAQAAEATWEELKLALPELVGLVHGRMKPAEKQ AVMASFKQGEHLHLLVATTVIEVGVDVPSNASLMIENPERLGLAQLHQLRGRVGR GAVASHCVLLYKTPLSKTAQIRLQVLRDSNDGFVIAQKDLEIRGPGELLGTRQT GNAEFKVADLLRDQAMIEVQRLARHIHERYPQQAALIERWMPETERYSNA
Research Area	Others
Source	E.coli
Target Names	recG
Protein Names	Recommended name: ATP-dependent DNA helicase recG EC= 3.6.4.12
Expression Region	1-693aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	89.4 kDa


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°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. 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.