



Recombinant Replicative DNA helicase (dnaB)

Product Code	CSB-EP350178MVH
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.	P59966
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium bovis (strain ATCC BAA-935 / AF2122/97)
Purity	>85% (SDS-PAGE)
Sequence	MAVVDDLAPG MDSSPPSEDY GRQPPQDLAA EQSVLGGMLL SKDAIADVLE RLRPGDFYRP AHQNVYDAIL DLYGRGEPAD AVTVAAELDR RGLLRIGGA PYLHTLISTV PTAANAGYYA SIVAEEKALLR RLVEAGTRVV QYGYAGAEGA DVAEVVDRAQ AEIYDVADRR LSEDFVALED LLQPTMDEID AIASSGGLAR GVATGFTELD EVTNGLHPGQ MVIVAARPGV GKSTLGLDFM RSCSIRHRMA SVIFSLEMSK SEIVMRLLSA EAKIKLSDMR SGRMSDDDWT RLARRMSEIS EAPLFIDDSP NLTMMIEIRAK ARRLRQKANL KLIVVDYLQL MTSGKKYESR QVEVSEFSRH LKLLAKELEV PVVAISQLNR GPEQRTDKKP MLADLRESG
Source	E.coli
Target Names	dnaB
Protein Names	Recommended name: Replicative DNA helicase EC= 3.6.4.12 Cleaved into the following chain: 1. Endonuclease PI-MboHIP EC= 2. 3.1.-.- Alternative name(s): Mbo dnaB intein
Expression Region	1-399
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. 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.