



Recombinant Rickettsia typhi Replicative DNA helicase (dnaB)

Product Code	CSB-EP734703RNE
Abbreviation	dnaB
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.	Q68WJ2
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MVRNKINNNI NIITNNDNDL SIPRVLPSNI QAEQMLLGAI ITNNELLSYV SEFLRNEHFF EPIHQKIYDA IEKIEKGLI ATPITLRSML TQDALFQEIE GVEYLAKLIT MSMMVINPID YGKIYDLAI KRNLINIGEE VVNNAYNASL AVAAKEQIEH AEAKLYDLAR EGLNEKSFTQ VGISIAESLA SINKAMKNND HVGISTGLL DLDNKLFGFH NSDLILAGR PSMGKTAF AI NLALNTCNNM RLKNIRDNQE IKSVGFFSLE MSSEQLTTRL LSLCAEIDST SLRTGMLSEE KYNRLRKEAN TLSELQFFID DTPALSISAI RTRARRMKRK HNLGILFIDY LQLIRGVSKS ENRVNEISEI TQGLKAIKE LNIPVIALSQ LSRAVELRED KKPMLSDLRE SGTIEQDADI VMFIYREEYY LTRKEPAAGD AKHAEWLDKL NKVYNIADII IAKHRNGPVG NISLYYDSQF SKFGNLEKRT FNSILNT
Source	E.coli
Target Names	dnaB
Protein Names	Recommended name: Replicative DNA helicase EC= 3.6.4.12
Expression Region	1-497
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.