



Recombinant Probable ATP-dependent helicase dinG (dinG)

Product Code	CSB-EP852016EOD-B
Abbreviation	dinG
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.	Q8X7X9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MALTAALKAQ IAAWYKALQE QIPDFIPRAP QRQMIADVAK TLAGEEGRHL AIEAPTGVGK TLSYLIPGIA IAREEQKTLV VSTANVALQD QIYSKDLPLL KKIIPDLKFT AAFGRGRYVC PRNLTALAST EPTQQDLLAF LDELTNNQ EEQKRCALK GDLDTYKWDG LRDHTDIAID DDLWRRLSTD KASCLNRNCY YYRECPFFVA RREIQEAEVV VANHALVMAA MESEAVLPDP KNLLVLDEG HHLDPVARDA LEMSAEITAP WYRLQLDLFT KLVATCMEQF RPKTIPPLAI PERLNAHCEE LYELIASLNN ILNLYMPAGQ EAEHRFAMGE LPDEVLEICQ RLAKLTEMLR GLAELFLNDL SEKTGSHDIV RLHRLILQMN RALGMFEAQS KLWRLASLAQ SSGAPVTKWA TREEREGQLH LWFHCVGIRV SDQLERLLWR SIPHIIVTSA TLRSLNSFSR LQEMSGLKEK AGDRFVALDS PFNHCEQGKI VIPRMRVEPS IDNEEQHIAE MAAFFREQVE SKKHLGMLVL FASGRAMQRF LDYVTDLRLM LLVQGDQPRY RLVELHRKRV ANGERSVLVG LQSFAGEGLD KGDMLSQVHI HKIAFPIDS PVVITEGEWL KSLNRYPFV QSLPSASFNL IQQVGRLIRS HGCWGEVVIY DKRLLTKNYG KRLLDALPVF PIEQPEVPEG IVKKKEKTKS PRRRRR
Source	E.coli
Target Names	dinG
Protein Names	Recommended name: Probable ATP-dependent helicase dinG EC= 3.6.4.12 Alternative name(s): DNA-damage-inducible protein G
Expression Region	1-716
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.