



# Recombinant Bacillus subtilis DEAD-box ATP-dependent RNA helicase CshA (cshA)

<b>Product Code</b>	CSB-EP309481BRJ-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P96614
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bacillus subtilis (strain 168)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTITFQDFNL SSDLMKAINR MGFEEATPIQ AQTIPGLSN KDVIGQAQTG  TGKTAAFGIP LVEKINPESP NIQAIVAPT RELAIQVSEE LYKIGQDKRA  KVLPIYGGQD IGRQIRALKK NPNIIVGTPG RLLDHINRRT IRLNNVNTVV  MDEADEMLNM GFIDDIESIL SNVPSEHQL LFSATMPAPI KRIAERFMTE  PEHVKVKAKE MTVSNIQQFY LEVQERKKFD TLTRLLDIQS PELAIVFGRT  KRRVDELAEA LNLRGYAAEG IHGDLTQAKR MVALRKFKEG AIEVLVATDV  AARGLDISGV THVYNFDVPQ DPESYVHRIG RTGRAGKTGM AMTFITPREK  SMLRAIEQTT KRKMDRMKEP TLDEALEGQQ QVTVERLRTT ISENNLNFYM  TAAELLEDH DAVTVVAAAI KMATKEPDDT PVRLTDEAPM VSKRYKNQRS  SKRRDGQGGG YRGGKGKSN RSSYDKKRSN DRRSSGDRRQ KKS</p>
<b>Source</b>	E.coli
<b>Target Names</b>	cshA
<b>Protein Names</b>	Recommended name: DEAD-box ATP-dependent RNA helicase CshA EC=3.6.4.13
<b>Expression Region</b>	1-494
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.