



Recombinant *Bacillus subtilis* Ribosomal RNA small subunit methyltransferase B (rsmB)

Product Code	CSB-EP309791BRJ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P94464
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus subtilis</i> (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MKKTSVRDIA LEALIKLEQN QAYSNLLLKS VIKSNELSDQ NRGLLTELVY GTLQNKIALD YMLKPFINKP QVKVPWVIQL LRLSLYQMEY LEKIPDRAAI HEAVEIAKIR GHKGIASFVN GVLRSIQREG VPSFDAIEDP VRRLATETSH PEWLVKEWAD AYGFEAAEKI CRIHLIPPKQ TLRVNQMKAD RAELLDQMAA EGIEVEKGD L AEDAVKLLKG TIAGTHFFQN GEVSIQDESS MLVARALDPK SDETVLDACA APGGKSAHIA ELMKNKGSVT SLDLHKHKVK LIKEAADRLG LTIHAETMD ARKAGETFEN EQFDRILVDA PCSGFGVIRR KPDMKYTKKP DDSARLAEIQ LSILREIAPL VKKGGTLVYS TCTMDRTEND EVIHAFIQEH PDFEPDLSLE KRLPEKVRPF VRDGRQLQILP HYFGTDGFFI CSMRKKG
Source	<i>E.coli</i>
Target Names	rsmB
Protein Names	Recommended name: Ribosomal RNA small subunit methyltransferase B EC=2.1.1.- Alternative name(s): rRNA (cytosine-C(5)-)-methyltransferase RsmB
Expression Region	1-447
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.