



Recombinant Escherichia coli Ribosomal RNA small subunit methyltransferase F (rsmF)

Product Code	CSB-EP459754ENT-B
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.	B1XHA3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / DH10B)
Purity	>85% (SDS-PAGE)
Sequence	MAQHTVYFPD AFLTQMREAM PSTLSFDDFL AACQRPLRRS IRVNTLKISV ADFLQLTAPY GWTLTPIPWC EEGFWIERDN EDALPLGSTA EHLSGLFYIQ EASSMLPVAA LFADGNAPQR VMDVAAAPGS KTTQISARMN NEGAILANEF SASRVKVLHA NISRCGISNV ALTHFDGRVF GAAVPEMFDA ILLDAPCSGE GVVRKDPDAL KNWSPESNQE IAATQRELID SAFHALRPGG TLVYSTCTLN QEENEAVCLW LKETYPDAVE FLPLGDLFPG ANKALTEEGF LHVFPQIYDC EGFFVARLRK TQAIPALPAP KYKVGNFPS PVKDREAGQI RQAATGVGLN WDENLRLWQR DKELWLFVPG IEALIGKVERF SRLGIKLAET HNKGYRWQHE AVIALASPDN MNAFELTPQE AEEWYRGRDV YPQAAPVADD VLVTFQHQPI GLAKRIGSRL KNSYPRELVR DGKLFTGNA
Source	E.coli
Target Names	rsmF
Protein Names	Recommended name: Ribosomal RNA small subunit methyltransferase F EC= 2.1.1.178 Alternative name(s): 16S rRNA m5C1407 methyltransferase rRNA (cytosine-C(5)-)-methyltransferase RsmF
Expression Region	1-479
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.