



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

<b>Product Code</b>	CSB-YP543309ENX
<b>Storage</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.
<b>Uniprot No.</b>	B1LD37
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain SMS-3-5 / SECEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAQHTVYFPD AFLTQMREAM PSTLSFDDFL AACQRPLRRS IRVNTLKISV ADFLQLTAPY GWTLTPIPWC EEGFWIERDD EDALPLGSTA EHLSGLFYIQ EASSMLPVAA LFADGNAPQR VMDVAAAPGS KTTQIAARMN NEGAILANEF SASRVKVLHA NISRCGISNV ALTHFDGRVF GAAVPEMFDA ILLDAPCSGE GVVRKDPDAL KNWSPESNQE IAATQRELID SAFHALRPGG TLVYSTCTLN REENEAVCLW LKETYPDAVE FLPLGLDFPG ANKALTEEGF LHVFPQIYDC EGFFVARLRK TQAIPVLPAP KYKVGNFPS PVKDREAGQI RQAAAGVGLN WDGNLRLWQR DKELWLFPVG IEALIGKVERF SRLGIKLAET HNKGYRWQHE AVIALASPDN VNAFELTPQE AEEWYRGRDV YPQAAPVADD VLVTFQHQPI GLAKRIGSRL KNSYPRELVR DGKLF TGNA
<b>Source</b>	Yeast
<b>Target Names</b>	rsmF
<b>Protein Names</b>	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
<b>Expression Region</b>	1-479
<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.