



Recombinant *Thermus thermophilus* Ribosomal RNA small subunit methyltransferase A (rsmA)

Product Code	CSB-EP735939TNT-B
Abbreviation	rsmA
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.	Q5SM60
Product Type	Recombinant Protein
Immunogen Species	<i>Thermus thermophilus</i> (strain HB8 / ATCC 27634 / DSM 579)
Purity	≥85% (SDS-PAGE)
Sequence	MSKLASPQSV RALLERHGLF ADKRFGQNFL VSE AHLRRIV EAARPFTGPV FEVGPGLGAL TRALLEAGAE VTAIEKDLRL RPVLEETLSG LPVRLVFQDA LLYPWEEVPQ GSVLVANLPY HIATPLVTRL LKTGRFARLV FLVQKEVAER MTARPKTPAY GVLTLRVAHH AVAERLFDLP PGAFFPPPKV WSSLVRLTPT GALDDPGLFR LVEAAFGRKRR KTLNLAALAA GYPKARVEEA LRALGLPPRV RAEELDLEAF RRLREGLEGA V
Source	<i>E.coli</i>
Target Names	rsmA
Protein Names	Recommended name: Ribosomal RNA small subunit methyltransferase A EC= 2.1.1.182 Alternative name(s): 16S rRNA (adenine(1518)-N(6)/adenine(1519)-N(6))-dimethyltransferase 16S rRNA dimethyladenosine transferase 16S rRNA dimethylase
Expression Region	1-271
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.