



Recombinant *Thermus thermophilus* Ribosomal protein S12 methylthiotransferase RimO (rimO)

Product Code	CSB-EP719364TNT-B
Abbreviation	rimO
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.	Q5SJ39
Product Type	Recombinant Protein
Immunogen Species	<i>Thermus thermophilus</i> (strain HB8 / ATCC 27634 / DSM 579)
Purity	≥85% (SDS-PAGE)
Sequence	MAKIGFVSLG CPKALVDSEQ ILSRLKALGY ETSPSYEEAE LVIVNTCGFI NEAVEESLEV IGEALKENGK VVVTGCLGAR PEKIRERHPQ VLAITGPGEV ERVLEAVQVV LPAPRDPFLD LIPPQVKLTP RHYAYVKLSE GCDHRCSFCI IPKLRGRLRS RDAADVLAEA ARLVATGTKE LLLVAQDLA YGVDLGHRES LWGDRPVRAE LKDLLAHMAE LGAWIRLHYV YPYPHVKDLL PLMAEGKVLV YLDVPLQHAS PRILRLMRRP GGYESHKAL KAWREVVPEL ALRSTFIVGF PGETEEDFQI LLDFFLEEAEL DRVGVFAYSP VEGAEANRLP DPVPEEVKKEE RKARLLELQA RVSLRKNQRF VGKTLEVLVD ELPEPGLAVG RTYRDSPGID GVVYVETDGT VRVGERIPVR ILRADTYDLH GVQA
Source	E.coli
Target Names	rimO
Protein Names	Recommended name: Ribosomal protein S12 methylthiotransferase RimO Short name= S12 MTTase Short name= S12 methylthiotransferase EC= 2.-.-. Alternative name(s): Ribosome maturation factor RimO
Expression Region	1-434
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.