



# Recombinant *Methylococcus capsulatus* Ribosomal protein S12 methylthiotransferase RimO (rimO)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP713934MFM-B   |
| <b>Abbreviation</b>      | rimO  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q60CM4  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | <i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MKLPRIGFIS LGCPKALVDS ERIITQLRAE GYAIVPTYQD ADLVVVNTCG<br>FIDAAVEESL EAIGEAVAEN GKVIVTGCLG ERPEEIQRH PAVLKVTGAH<br>AYEEVMNAVH EHLPLHDPF MDLVPPQGVR LTPRHYAYLK ISEGCNHRCS<br>FCIIPALRGD LVSRPIGEVM TEAERLVAAG VKEILVVSQD TSAYGADLGY<br>RTGFWGGRPL RTRFQELARA LGDLGVWIRL HYVYPYPHVD EVIPLMAEGR<br>LLPYLDIPFQ HASARVLKAM KRPAATENIL AAIRRWREVC PELTLRSTFI<br>VGFPGETEDE FRELLDFLEE ARLDRVGC FE YSPVKGAAAN ALPDPVPAEV<br>KAERHARLME VQERISAARL RTRIGRTETV LVDEVVEEGA VARRRADAPE<br>IDGQVFIDGA THLEVGEFVE ATFEDADAHD LWARLAD |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | rimO  |
| <b>Protein Names</b>     | Recommended name: Ribosomal protein S12 methylthiotransferase RimO Short name= S12 MTTase Short name= S12 methylthiotransferase EC= 2.-.-.-<br>Alternative name(s): Ribosome maturation factor RimO   |
| <b>Expression Region</b> | 1-437   |
| <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.   |



## 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.