



Recombinant *Leifsonia xyli* subsp. *xyli* Ribosomal RNA small subunit methyltransferase G (rsmG)

| | |
|--------------------------|---|
| Product Code | CSB-EP724410LAAC-B |
| Abbreviation | rsmG |
| 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. | Q6ABV7 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Leifsonia xyli</i> subsp. <i>xyli</i> (strain CTCB07) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MTDSVELEPA AAAQLFGDRL PIARTFTANL ASQGEERGLI GPLELPRLWS RHILNSAIVA PLLRPGVVG D VGSGAGLPGL VLAIARPDVS FVLIEPMDRR VIWLNEQVAE LGLLNVDIVR ARAEDAKLAK PLDQVTARAV SAFRKLPLT APLLRDGGEL VLMKGAAAQA EIDGAAKEIS KFKVRGAEVI VLGEGVLDEV TRVIRATVR |
| Source | E.coli |
| Target Names | rsmG |
| Protein Names | Recommended name: Ribosomal RNA small subunit methyltransferase G EC=2.1.1.- Alternative name(s): 16S rRNA 7-methylguanosine methyltransferase Short name= 16S rRNA m7G methyltransferase |
| Expression Region | 1-209 |
| 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. |