



# Recombinant Zymomonas mobilis Queuine tRNA-ribosyltransferase (tgt)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-BP019146ZBM   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P28720  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Zymomonas mobilis subsp. mobilis (strain ATCC 31821 / ZM4 / CP4)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | VEATAQETD RPRFSFSIAA REGKARTGTI EMKRGVIRTP AFMPVGTAAT<br>VKALKPETVR ATGADIILGN TYHMLRPGA ERIAKLGLH SFMGWDRPIL<br>TDSGGYQVMS LSSLTKQSEE GVTFKSHLDG SRHMLSPERS IEIQHLLGSD<br>IVMAFDECTP YPATPSRAAS SMERSMRWAK RSRDAFDSRK EQAENAALFG<br>IQQGSVFENL RQQSADALAE IGFIDGYAVGG LAVGEGQDEM FRVLDFSVPM<br>LPDDKPHYLM GVGKPDDIVG AVERGIDMFD CVLPTRSGRN GQAFTWDGPI<br>NIRNARFSED LTPLDSECHC AVCQKWSRAY IHHLIRAGEI LGAMLMTEHN<br>IAFYQQLMQK IRDSISEGRF SQFAQDFRAR YFARNS |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | tgt   |
| <b>Protein Names</b>     | Recommended name: Queuine tRNA-ribosyltransferase EC= 2.4.2.29<br>Alternative name(s): Guanine insertion enzyme tRNA-guanine transglycosylase   |
| <b>Expression Region</b> | 2-386   |
| <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 of Mature 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.<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.  |