Recombinant Zymomonas mobilis Queuine tRNA-ribosyltransferase (tgt)

Product Code	CSB-YP019146ZBM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P28720
Product Type	Recombinant Protein
Immunogen Species	Zymomonas mobilis subsp. mobilis (strain ATCC 31821 / ZM4 / CP4)
Purity	>85% (SDS-PAGE)
Sequence	VEATAQETD RPRFSFSIAA REGKARTGTI EMKRGVIRTP AFMPVGTAAT VKALKPETVR ATGADIILGN TYHLMLRPGA ERIAKLGGLH SFMGWDRPIL TDSGGYQVMS LSSLTKQSEE GVTFKSHLDG SRHMLSPERS IEIQHLLGSD IVMAFDECTP YPATPSRAAS SMERSMRWAK RSRDAFDSRK EQAENAALFG IQQGSVFENL RQQSADALAE IGFDGYAVGG LAVGEGQDEM FRVLDFSVPM LPDDKPHYLM GVGKPDDIVG AVERGIDMFD CVLPTRSGRN GQAFTWDGPI NIRNARFSED LTPLDSECHC AVCQKWSRAY IHHLIRAGEI LGAMLMTEHN IAFYQQLMQK IRDSISEGRF SQFAQDFRAR YFARNS
Source	Yeast
Target Names	tgt
Protein Names	Recommended name: Queuine tRNA-ribosyltransferase EC= 2.4.2.29 Alternative name(s): Guanine insertion enzyme tRNA-guanine transglycosylase
Expression Region	2-386
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 of Mature 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.