



Recombinant Queuine tRNA-ribosyltransferase (tgt)

Product Code	CSB-BP717792BUI
Abbreviation	tgt
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.	Q65ZW4
Product Type	Recombinant Protein
Immunogen Species	Borrelia bavariensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia bavariensis)
Purity	>85% (SDS-PAGE)
Sequence	MFSVIKNDKH SNARVGFLNL PHGRVDTPCF MPVGTLGAMK GLKHSVLEKL KCNLMLANTY HLYLRPGIKT IEKYGGLHNF TTWNKNFLTD SGGFQVFSLS SLRKIDLKGV RFKSHLDGSY HYFTPEGVFA MQEIFGSDII MPLDICSSYG IDYNEANLYT NITTNWARST FKAYKNRKEG YNGLLFLITQ GNFFKDLRKR SINDILELDS PGIAIGGISV GEPREKYLEI LEYSSLLMPK EKPRYVMGIG TPHYILDAIY HGIDIFDCVN PARIARHGSL LTDNGIMRIS RKEYKDDTSQ VEKNCGCTLC TRYSRGYLRH LIKSKELFGI ILASEHNIYY MFRLISKIRT AILNDNFLNF RTSYLKKEYEE ENFDE
Source	Baculovirus
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	1-375
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.