



Recombinant Queuine tRNA-ribosyltransferase (tgt)

Product Code	CSB-EP709613SZB-B
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.	Q54177
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	≥85% (SDS-PAGE)
Sequence	MKFELDTTDG RARRGRLVFD RGVVETPCFM PVGTYGTVKG MTPEEVEATG AQIILGNTFH LWLRPGQEIM KLHGDLHDFM QWKGPILTDS GGFQVFSLGD IRKITEQGVH FRNPINGDPI FLDPEKSMEI QYDLGSDIVM IFDECTPYPA DWDYAKRSME MSLRWAKRSR ERFDSLGNKN ALFGIIQGS IYEDLRDISVK GLVDIGFDGY AVGGLAVGEP KADMHRILEH VCPQIPADKP RYLMGVGKPE DLVEGVRRGI DMFDCVMPTR NARNGHLFVT DGVVKIRNAK YKSDTGPLDP ECDCYTCRNY SRAYLHHLDR CNEILGARLN TIHNLRYYQR LMAGLRKAIE EGKLESFVTD FYQRQGREVP PLNVD
Source	E.coli
Target Names	tgt
Protein Names	Recommended name: Queuine tRNA-ribosyltransferase EC= 2.4.2.29 Alternative name(s): Guanine insertion enzyme Virulence-associated protein vacC 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.