



Recombinant Prochlorococcus marinus Queuine tRNA-ribosyltransferase (tgt)

Product Code	CSB-EP019146PZF-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A2CCL1
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus (strain MIT 9303)
Purity	>85% (SDS-PAGE)
Sequence	MFDFQINAHC SHTRARVGCF RTPHGSVNTP RFMPVGTLAT VKGITATQLA DTGAQMVLAN TYHLHLQPGE GIVADAGGLH RFMGWDRPLL TDSSGGFQIFS LADLNRIDDH GVVFRNPRNG SQIELTPERA IEIQMALGAD VAMAFDQCPP YPASESDVEA ACKRTHAWLE RCSNTHQLTN QALFGIVQGG CFPHLREQSA QIVASFDLPG IAIGGVSVGE PVEDIHRIVR QVSPLLPQDR PRYLMGIGTL REIAIAVASG IDLFDCVLPT RLGRHGTALV AGERWNLRNA RFREDHTPLD QSCTCTACRH HSRAYLHHLI RNEELLGLTL LSLHNLQLI RFTSAISQAI QDDCFSEDFA PWQPDSAAHH TW
Source	E.coli
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	1-372
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.