



# Recombinant Nitratiruptor sp. Queuine tRNA-ribosyltransferase (tgt)

<b>Product Code</b>	CSB-EP019146NFA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	A6Q3Y5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Nitratiruptor sp. (strain SB155-2)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<pre>MDFFIDATDN NARACTIKTS HSTIKTPVFM PVGTAASVKS LDTVDLRDIL QTQIILANTY HLYLRPGDNV VKKLGGLHGF TGYNRSFLTD SGGFQAFSLS DISKANERGI EFQSHIDGSK HFFTPQKVLD IQYNLGSDIM MILDDLVALP ATKERLALSV DRTRWAQES IKYHKMMAQ GIGTNQNIFA IIQGGTDYEF RKKSAMELTA LDFDGFAIGG LSVGEENSVM YNTVEFTTPF MPKNKPRYLM GVGTPEDLVE CIDRGVDMFD CVMPTRNARN GTIFTSFGRL NIKAAKYKLD QNPIDEACSC YTCQNYTRAY LNHLYRAKEL TTYRLASIHN LHYYLTLMKE AREAIEKGEY KAFKKAIFYAR RQS</pre>
<b>Source</b>	E.coli
<b>Target Names</b>	tgt
<b>Protein Names</b>	Recommended name: Queuine tRNA-ribosyltransferase EC= 2.4.2.29 Alternative name(s): Guanine insertion enzyme tRNA-guanine transglycosylase
<b>Expression Region</b>	1-373
<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 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. 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.