



Recombinant 7-cyano-7-deazaguanine synthase (queC)

Product Code	CSB-MP816582EGX
Abbreviation	queC
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.	Q8FKA4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MKRAVVVFSG GQDSTTCLVQ ALQQYDEVHC VTFDYGQRHR AEIDVARELA LKLGAHAKV LDVTLLNELA VSSLTRDSIP VPDYEPEADG IPNTFVPGRN ILFLTAAIY AYQVKAEAVI TGV CETDFSG YPDCRDEFVK ALNHAVSLGM AKDIRFETPL MWIDKAETWA LADYYGKLDL VRNETLTCYN GIKGDGCGHC AACNLRANGL NHYLADKPTV MAAMKQKTGL K
Source	Mammalian cell
Target Names	queC
Protein Names	Recommended name: 7-cyano-7-deazaguanine synthase EC= 6.3.-.- Alternative name(s): 7-cyano-7-carbaguanine synthase PreQ(0) synthase Queuosine biosynthesis protein QueC
Expression Region	1-231
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.