



Recombinant *Saccharomyces cerevisiae* eRF1 methyltransferase catalytic subunit MTQ2 (MTQ2)

Product Code	CSB-YP312750SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q03920
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MLPTPYVKCD YDKVYEPAED SFLILDCLK EHDFLKQKFG NRLAIVCEIG SGSGIVTTFL MQNKIIPQEN SIHLAVDINP WALEATLDTA KLNSCKSSFL EVIQADLNSS IRNNQVDVLI FNPPYVPAEC VPDVPGSREE ADQWLDLALL GGKDGMAITD KLLRQLEQIL SPDGVAYILF CARNKPKEVI KRFVDITYKWN VKLIETRKAG WEVLSVYSFT R
Source	Yeast
Target Names	MTQ2
Protein Names	Recommended name: eRF1 methyltransferase catalytic subunit MTQ2 Short name= eRF1 MTase catalytic subunit MTQ2 EC= 2.1.1.- Alternative name(s): N(5)-glutamine methyltransferase MTQ2
Expression Region	1-221
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.