



Recombinant *Saccharomyces cerevisiae* mRNA-capping enzyme subunit alpha (CEG1)

Product Code	CSB-YP311511SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q01159
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MVLAMESRVA PEIPGLIQPG NVTQDLKMMV CKLLNSPKPT KTFPGSQPVS FQHSDVEEKL LAHDYYVCEK TDGLRVLMI VINPVTGEQG CFMIDRENNY YLVNGFRFPR LPQKKKEELL ETLQDGTLDD GELVIQTNPM TKLQELRYLM FDCLAINGRC LTQSPTSSRL AHLGKEFFKP YFDLRAAYPN RCTTFPFKIS MKHMDFSYQL VKVAKSLDKL PHLSDGLIFT PVKAPYTAGG KDSLLLKWKP EQENTVDFKL ILDIPMVEDP SLPKDDRNRW YYNYDVKPVF SLYVWQGGAD VNSRLKHFDQ PFDRKEFEIL ERTYRKFAEL SVSDEEWQNL KNLEQPLNGR IVECAKNQET GAWEMLRFRD DKLNGNHTSV VQKVLESIND SVSLEDLEEI VGDIKRCWDE RRANMAGGSG RPLPSQSQNA TLSTSKPVHS QPPSNDKEPK YVDEDDWSD
Source	Yeast
Target Names	CEG1
Protein Names	Recommended name: mRNA-capping enzyme subunit alpha Alternative name(s): GTP--RNA guanylyltransferase Short name= GTase mRNA guanylyltransferase EC= 2.7.7.50
Expression Region	1-459
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.