



Recombinant Kluyveromyces lactis mRNA-capping enzyme subunit alpha (CEG1)

Product Code	CSB-YP715535KBK
Abbreviation	CEG1
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.	Q6CWR0
Product Type	Recombinant Protein
Immunogen Species	Kluyveromyces lactis (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
Purity	≥85% (SDS-PAGE)
Sequence	MDNNRVAPEI PGLRQPGQIT NDIRMLMCKL LNSAKPANTF PGSQPVSFHL ADIEEKLLAQ DYYVCEKTDG LRALMLIMVN PVTKEQGCFM IDRENNYYMV NGFRFPCLPR ANKKELLETL QDGTLDGEL VMQTNPVTKL KELRYLMFDC LAVNGRSLVQ SPTSSRLAHL GKEFFKPYD LRSYFPDRCS TFPKISMKH MNFSYDLAKV AKTLDLPHV SDGLIFTPVQ AAYHIGGKDS YLLKWKPEVE NTVDFKLIIE PPVVEDKSLP KSDKNRFYYN YDVKPLFHLV VWQGGNDVNN RIQDFEQPFT KSDLELLERT YRKFAEIEID DKQWNEKAM EEPLNGRIVE CSKDQESGAW KLLRFRDDKL NGNHVSVVQK VLESIGDSVS LDDLEQVVDE MRSRWKEREQ GLKNAQKQFN HQASARSSL SQQHSTEPEQS QDQPKYVDDD DDNWSDDDEPD TKRQKI
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	1-466
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.