



Recombinant Schizosaccharomyces pombe mRNA-capping enzyme subunit alpha (ceg1)

Product Code	CSB-YP336811SXV
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.	P40997
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MAPSEKDIEE VSVPGVLAPR DDVRVLKTRI AKLLGTSPDT FPGSQPVSFS KKHLQALKEK NYFVCEKSDG IRCLLYMTEH PRYENRPSVY LFDRKMNFYH VEKIFYPVEN DKSGKKYHVD TLLDGELVLD IYPGGKKQLR YLVFDCLACD GIVYMSRLLD KRLGIFAKSI QKPLDEYTKT HMRETAIFPF LTSLKKMELG HGILKLFNEV IPRLRHGNDG LIFTCTETPY VSGTDQSLK WPKKEMNTID FMLKLEFAQP EEGDIDYSAM PEFQLGVWEG RNMYSFFAFM YVDEKEWEKL KSFNVPLSER IVECYLDDEN RWRFLRFRDD KR DANHISTV KSVLQSIEDG VSKEDLLKEM PIIREAYYNR KKPSVTKRKL DETSND DAPA IKKVAKSEK EI
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	1-402
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.