



Recombinant Calcium/calmodulin-dependent protein kinase type 1 (cmk-1)

Product Code	CSB-MP883318CXY
Abbreviation	cmk-1
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.	Q9TXJ0
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	≥85% (SDS-PAGE)
Sequence	MPLFKRRDGS GPAPNATIRE KYDFRDVLGT GAFSKVFLAE SKSDAGQMYA VKCIDKKALK GKEESLENEI KVLRLRHNN IVQLFDTYDE KQFVYLVME VTGGELFDRI VAKGSYTEQD ASNLIRQVLE AVGFMHDNGV VHRDLKPENL LYYNQDEDSK IMISDFGLSK TEDSGVMATA CGTPGYVAPE VLQQKPYGKA VDVWSIGVIA YILLCGYPPF YDESDANLFA QIIKGEYEFD APYWDQISDS AKDFITHLMC CDPEARFTCQ DALSHPWISG NTAYTHDIHG TVAVHLKKS L AKRNWKKAYN AAAAIRQLQM LRLSSNSNRL QKQASQQQPE PPTPAFHA
Source	Mammalian cell
Target Names	cmk-1
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type 1 EC=2.7.11.17 Alternative name(s): CaM kinase I Short name= CaM-KI
Expression Region	1-348
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.