



Recombinant *Schizosaccharomyces pombe* Calcium/calmodulin-dependent protein kinase type I (cmk1)

Product Code	CSB-EP889236SXV-B
Abbreviation	cmk1
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.	Q9P7I2
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MQQTYKPNTS ALKDGAPKAT VDQKQLLPCK YRVGRVLGGG TYATVREAVH IETNKMYAAK IMNKKMMEKK QDFVKNEIAI LKRVSYEHPN ILHLVDFFET VNNLYLITEL ATGGELFDRI CAKGSFYEAD AAALMRTTTS AVKYLHDNGI VHRDLKPENL LYRSKDPNSD LLIADFGLSH FYEDSQYYML MTACGTPEYM APEVFRRTGY GKPVDMWAIG VITYFLLSGY TPFARPSQVE VIEAILANEY TFNDPCWSGI SETAKDFIKK CLENDPSKRL TAADALKHPF LSEKRPATSN LLPNVRENFN ARKTFRTAYN AVRAFNTWKK LENKH
Source	E.coli
Target Names	cmk1
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type I Short name= CaMK-I EC= 2.7.11.17
Expression Region	1-335
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.