



Recombinant *Saccharomyces cerevisiae* Serine/threonine-protein kinase CAK1 (CAK1)

Product Code	CSB-MP337447SVG
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.	P43568
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MKLD SIDITH CQLVKSTRTA RIYRS DTYAI KCLALDFDIP PHNAKFEVSI LNKLG NKCKH ILPLESKAT DNND LLLLFP FEEMNLYEFM QMHYKRDRRK KNPYYDLLNP SIPIVADPPV QKYTNQLDVN RYSL SFFRQM VEGIAFLHEN KIIHRDIKPQ NIMLTNNTST VSPKLYIIDF GISYDMANNS Q TSAEPMDSK VTDISTGIYK APEVLFGVKC YDGGVDVWSL LIISQWFQR ETSRMGHVPA MIDDGSDDMN SDGSDFR LIC SIFEKLGIPS IQKWEEVAQH GSVDAFVG MF GADGDGKYVL DQEKDVQISI VERNMPRLDE IADVKVKQKF INCILGMVSF SPNERWSCQR ILQELEKP
Source	Mammalian cell
Target Names	CAK1
Protein Names	Recommended name: Serine/threonine-protein kinase CAK1 EC= 2.7.11.22 Alternative name(s): CDK-activating kinase
Expression Region	1-368
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.