



Recombinant *Xenopus laevis* Serine/threonine-protein kinase Chk1 (chek1)

Product Code	CSB-YP738530XBE
Abbreviation	chek1
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.	Q6DE87
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MAVPFVEDWD LVQTLGEGAY GEVQLAVNRK TEEAVAVKIV DMTRAADCPE NIKKEICINR MLSHTNIVRF YGHRREGNIQ YLFLEYCRGG ELFDRIEPDV GMPEQDAQKF FQQLIAGVEY LHSIGITHRD IKPENLLLDE RDQLKISDFG LATVFRHNGK ERLLNKMCMT LPYVAPELIK SRAFHADPVD VWSCGIVLTA MLAGELPWDQ PNEVCQEYCD WKEKNHYLTP WKKISATPLA LLCKMLTENP QSRITIPDIK KDRWFTEIHK KGLKRSRVIS GGSSDSSVLC KQIRSDIDIS HFSHSEEKTA LSSTQPEPRT ALATWDSNSS YIDNLVQGKG ISFSQPACPD NMLNSQLIG TPGSSQNVWQ RLVKRMTRFF TKVNAESSYS NLMDTCEKMG YVLKKSCANE VTLSTTDRRN NKLIFKVNLV EMEDRILLDF RLSKGDGLEF KRHFLKIKKK MDAVVAVQKV LPDT
Source	Yeast
Target Names	chek1
Protein Names	Recommended name: Serine/threonine-protein kinase Chk1 EC= 2.7.11.1 Alternative name(s): CHK1 checkpoint homolog Checkpoint kinase-1 Short name= xChk1
Expression Region	1-474
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.



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