



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

<b>Product Code</b>	CSB-MP738530XBE
<b>Abbreviation</b>	chek1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q6DE87
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	chek1
<b>Protein Names</b>	Recommended name: Serine/threonine-protein kinase Chk1 EC= 2.7.11.1 Alternative name(s): CHK1 checkpoint homolog Checkpoint kinase-1 Short name= xChk1
<b>Expression Region</b>	1-474
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.