



Recombinant Rat Serine/threonine-protein kinase Chk1 (Chek1)

Product Code	CSB-MP846015RA
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.	Q91ZN7
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MAVPFVEDWD LVQTLGEGAY GEVQLAVNRI TEEAVAVKIV DMKRAIDCPE NIKKEICINK MLNHENVVKF YGHRREGNIQ YLFLEYCSGG ELFDRIEPI GMPEQDAQRF FHQLMAGVVY LHGIGITHRD IKPENLLLDE RDNLKISDFG LATVFRHNNR ERLLNKMCMT LPYVAPELLK RKEFHAEPVD VWSCGIVLTA MLAGELPWDQ PSDSCQEYSD WKEKKTLYLNP WKKIDSAPLA LLHKILVENP SARITIPDIK KDRWYNKPLN RGAKRPRATS GGMSSESSGF SKHIHSNLDF SPINSGSSEE NVKFSSSQPE PRTGLSLWDT GPSNVDKLVQ GISFSQPTCP DHMLVNSQLL GTPGSSQNPW QRLVKRMTRF FTKLDADKSY QCLKETFEKL GYQWKKSCMN QVTVSTMDRR NNKLIFKINL VEMDEKILVD FRLSKGDGLE FKRHFLKIKG KLSDIVSSQK VWFPVT
Source	Mammalian cell
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
Expression Region	1-476
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.