



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

<b>Product Code</b>	CSB-EP846015RA-B
<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>	Q91ZN7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAVPFVEDWD LVQTLGEGAY GEVQLAVNRI TEEAVAVKIV DMKRAIDCPE NIKKEICINK MLNHENVVKF YGHRREGNIQ YLFLEYCSSG ELFDRIEPI GMPEQDAQRF FHQLMAGVVY LHGIGITHRD IKPENLLLDE RDNLKISDFG LATVFRHNNR ERLLNKMCMT LPYVAPPELLK RKEFHAEPVD VWSCGIVLTA MLAGELPWDQ PSDSCQEYSD WKEKKTLYLNP WKKIDSAPLA LLHKILVENP SARITIPDIK KDRWYNKPLN RGAKRPRATS GGMSESSSGF SKHIHSNLDF SPINSGSSEE NVKFSSSQPE PRTGLSLWDT GPSNVDKLVQ GISFSQPTCP DHMLVNSQLL GTPGSSQNPW QRLVKRMTRF FTKLDADKSY QCLKETFEKL GYQWKKSCMN QTVSTMDRR NNLKIFKINL VEMDEKILVD FRLSKGDGLE FKRHFLKIKG KLSDIVSSQK VWFPVT
<b>Source</b>	E.coli
<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
<b>Expression Region</b>	1-476
<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.