



# Recombinant Rat Serine/threonine-protein kinase MARK1 (Mark1)

<b>Product Code</b>	CSB-BP013496RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O08678
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSARTPLPTV NERDTENHTS VDGYTETHIP PTKSSSRQNI PRCRNSITSA TDEQPHIGNY RLQKTIGKGN FAKVKLARHV LTGREVAVKI IDKTQLNPTS LQKLFREVRI MKILNHPNIV KLFEVIETEK TLYLVMEYAS GGEVFDYLVA HGRMKEKEAR AKFRQIVSAV QYCHQKCIHV RDLKAENLLL DADMNIKIAD FGFSNEFTVG NKLDTCGSP PYAAPELFQG KKYDGPEVDV WSLGVILYTL VSGSLPFDGQ NLKELRERVL RGKYRVPFYM STDCENLLKK LLVLNPIKRG SLEQIMKDRW MNVGHEEEEL KPYSEPELDL NDAKRIDIMV TMGFARDEIN DALVSQKYDE VMATYILLGR KPPEFEGGES LSSGNLCQRS RPSSDLNNST LQSPAHLKVQ RSISANQKQR RFS DHAGPSI PPAVS YTKRP QANSVESEQK EEWDKDTARR LGSTTVGSKS EVTASPLVGP DRKKSSAGPS NNVYSGGSMT RRNTYVCERS TDRYAALQNG RDSSLTEMSA SSMSSTGSTV ASAGPSARPR HQKSMSTSGH PIKVTLP TIK DGSEAYRPGT AQRVPAASPS AHSISASTPD RTRFPRGSSS RSTFHGEQLR ERRSAAYS GP PASHD TAA LAHARRGTST GIISKITSKF VRRDPSEGEA SGRTDTARG SGEPKDKEEG KEAKPRSLRF TWSMKTSSM DPNDMVREIR KVL DANTCDY EQRERFLLFC VHGDARQDSL VQWEMEVCCKL PRLSLNGVRF KRISGTSIAF KNIASKIANE LKL
<b>Source</b>	Baculovirus
<b>Target Names</b>	Mark1
<b>Protein Names</b>	Recommended name: Serine/threonine-protein kinase MARK1 EC= 2.7.11.1 EC= 2.7.11.26 Alternative name(s): MAP/microtubule affinity-regulating kinase 1
<b>Expression Region</b>	1-793
<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.