



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

Product Code	CSB-EP013496RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08678
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	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 QANSVESEK EEWDKDTARR LGSTTVGSKS EVTASPLVGP DRKKSSAGPS NNVYSGGSMT RRNTYVCERS TDRYAALQNG RDSSLTEMSA SSMSSTGSTV ASAGPSARPR HQKSMSTSGH PIKVTLP TIK DGSEAYRPGT AQRVPAASPS AHSISASTPD RTRFPRGSSS RSTFHGEQLR ERRSAAYS GP PASPSHDTAA LAHARRGTST GIISKITSKF VRRDPSEGEA SGRTDTARGS SGEPKDKEEG KEAKPRSLRF TWSMKTSSM DPNDMVREIR KVL DANTCDY EQRERFLLFC VHGDARQDSL VQWEMEVCCKL PRLSLNGVRF KRISGTSIAF KNIASKIANE LKL
Source	E.coli
Target Names	Mark1
Protein Names	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
Expression Region	1-793
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.