



Recombinant Rat Target of rapamycin complex 2 subunit MAPKAP1 (Mapkap1)

Product Code	CSB-MP724513RA
Abbreviation	Mapkap1
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.	Q6AYF1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	AFLDNPTII LAHIRQSHVT SDDTGMCEMV LIDHDVDLEK THPPSVPGDS GSEVQGSSGE TQGYIYAQSV DITSSWDFGI RRRSNTAQLR ERLRKERQNN IKCKNIQWKE RNSKQSAQEL KSLFEKSLK EKPPSSGKQS ILSVRLEQCP LQLNPFNEY SKFDGKGHVG TTATKKIDVY LPLHSSQDRL LPMTVVMTAS ARVQDLIGLI CWQYTSEGRE PKLNDNVSAI CLHIAEDDGE VDTDFPPLDS NEPIHKFGFS TLALVEKYSS PGLTSKESLF VRINAAHGFS LIQVDNTKVT MKEILLKALK RRGKSQKISG PQYRLEKQSE PNIGVDLEST LESQNAWEFC LVRENSSRAD GVFEEDSQID IATVQDMLSS HHYKSFVSM IHRLRFTTDV QLGISGDKVE IDPVTNPKAS TKFWIKQKPI SIDCDLLCAC DLAEKSPSH AVFKLTYLSS HDYKHLYFES DAATVSEIVL KVNYLEIRA STARADYFAQ KQRKLNRRTS FSFQKEKSG QQ
Source	Mammalian cell
Target Names	Mapkap1
Protein Names	Recommended name: Target of rapamycin complex 2 subunit MAPKAP1 Short name= TORC2 subunit MAPKAP1 Alternative name(s): Mitogen-activated protein kinase 2-associated protein 1 Stress-activated map kinase-interacting protein 1 Short n
Expression Region	2-522
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 of Mature Protein
Target Details	This gene encodes a protein that is highly similar to the yeast SIN1 protein, a stress-activated protein kinase. Alternatively spliced transcript variants encoding distinct isoforms have been described. Alternate polyadenylation sites as well as alternate 3 UTRs have been identified for transcripts of this gene.

**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.