



Recombinant Mouse Ribosomal protein S6 kinase alpha-2 (Rps6ka2)

Product Code	CSB-EP896249MO
Abbreviation	Rps6ka2
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.	Q9WUT3
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MELSMKKFTV RRFPSVYLRK KSRSKSSSLR RLEEEGIVKE IDISNHVKEG FEKADPSQFE LLKVLGQGSY GKVFLVRKVT GSDAGQLYAM KVLKKATLKV RDRVRSKMER DILAEVNHPF IVKLHYAFQT EGKLYLILDF LRGGDLFTRL SKEVMFTEED VKFYLAELAL ALDHLHGLGI IYRDLKPENI LLDEEGHIKI TDFGLSKEAT DHDKRAYSFC GTIEYMAPEV VNRRGHTQSA DWWSFGVLMF EMLTGSLPFQ GKDRKETMAL ILKAKLGMPQ FLSAEAQSLR RALFKRNPCN RLGAGVDGVE EIKRHPFFVT IDWNKLYRKE IKPPFKPAVG RPEDTFHFDP EFTARTPTDS PGPVPSANAH HLFGRGFSFVA SSLVQEPSQQ DVPKAPIHPI VQQLHGNNIH FTDGYEIKED IGVGSYSVCK RCVHKATDAE YAVKIIDKSK RDPSEEIEIL LRYGQHPNII TLKD VYDDGK YVYLVMELMR GGELLDRLR QRCFSEREAS DVLYTIARTM DYLSHQGVVH RDLKPSNILE MDESGNPESI RICDFGFAKQ LRAENGLLMT PCYTANFVAP EVLKRQGYDA ACDVWSLGIL LYTMLAGFTP FANGPDDTPE EILARIGSGK YALSGGNWDS ISDAAKDVVS KMLHVDPQQR LTAVQVLKHP WIVNREYLSQ NQLSRQDVHL VKGAMAATYF ALNRTPQAPR LEPVLSSSLA QRRGMKRLTS TRL
Source	E.coli
Target Names	Rps6ka2
Protein Names	Recommended name: Ribosomal protein S6 kinase alpha-2 Short name= S6K-alpha-2 EC= 2.7.11.1 Alternative name(s): 90 kDa ribosomal protein S6 kinase 2 Short name= p90-RSK 2 Short name= p90RSK2 MAP kinase-activated pro
Expression Region	1-733
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
Target Details	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic



domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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

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