



Recombinant Human Ribosomal protein S6 kinase alpha-2 (RPS6KA2)

Product Code	CSB-EP618003HU-B
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.	Q15349
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDLSMKKFAV RRFFSVYLRR KRSRKSSSL S RLEEEGVVKE IDISHHVKEG FEKADPSQFE LLKVLGQGSY GKVFLVRKVK GSDAGQLYAM KVLKKATLKV RDRVRSKMER DILAEVNHPF IVKLHYAFQT EGKLYLILDF LRGGDLFTRL SKEVMFTEED VKFYLAELAL ALDHLHSLGI IYRDLKPENI LLDEEGHIKI TDFGLSKEAI DHDKRAYSFC GTIEYMAPEV VNRRGHTQSA DWWSFGVLMF EMLTGSLPFQ GKDRKETMAL ILKAKLGMPQ FLSGEAQSL RALFKRNPCN RLGAGIDGVE EIKRHPFFVT IDWNTLYRKE IKPPFKPAVG RPEDTFHFDP EFTARTPTDS PGPVPSANAH HLFGRGFSFVA SSLIQEPSQQ DLHKVPVHPI VQQLHGNNIH FTDGYEIKED IGVGSYSVCK RCVHKATDTE YAVKIIDKSK RDPSEEIEIL LRYGQHPNII TLKDVYDDGK FVYLVMELMR GGELLDRI LR QRYFSEREAS DVLCTITKTM DYLSHSQGVVH RDLKPSNII RDESGSPESI RVCDFGFAKQ LRAGNLLMT PCYTANFVAP EVLKRQGYDA ACDIWSLGLI LYTMLAGFTP FANGPDDTPE EILARIGSGK YALSGGNWDS ISDAAKDVVS KMLHVDPHQR LTAMQVLKHP WVVNREYLSP NQLSRQDVHL VKGAMAATYF ALNRTPQAPR LEPVLSSNLA 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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