



Recombinant Human Ribosomal protein S6 kinase alpha-4 (RPS6KA4)

Product Code	CSB-EP020467HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75676
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MGDEDDDESC AVELRITEAN LTGHEEKVSV ENFELLKVLG TGAYGKVFLV RKAGGHADAGK LYAMKVLKKA ALVQRAKTQE HTRTERSULE LVRQAPFLVT LHAFQTDAL LHLILDYVSG GEMFTHLYQR QYFKEAEVRV YGGEIVLAL HLHKLGIYR DLKLENVLLD SEGHIVLTFD GLSKEFLTEE KERTFSFCGT IEYMAPEIIR SKTGHGKAVD WWSLGLLFE LLTGASPFTL EGERNTQAEV SRRILKCSPP FPPRIGPVAQ DLLQRLLCKD PKKRLGAGPQ GAQEVNHPF FQGLDWVALA ARKIPAPFRP QIRSELDVGN FAEFTRLEP VYSPPGSPPP GDPRIFQGYS FVAPSILFDH NNAVMTDGLA APGAGDRPGR AAVARSAMMQ DSPFFQQYEL DLREPALGQG SFSVCRRCRQ RQSGQEFVAVK ILSRREANT QREVAALRLC QSHPNVNLH EVHHDQLHTY LVLELLRGGE LLEHIRKKRH FSESEASQIL RSLVSAVSFM HEEAGVVHRD LKPENILYAD DTPGAPVKII DFGFARLRPQ SPGVPMQTPC FTLQYAAPEL LAQQGYDESC DLWSLGVILY MMLSGQVPFQ GASGQGGQSQ AAEIMCKIRE GRFSLDGEAW QGVSEEAKEL VRGLLTVDPK KRLKLEGLRG SSWLQDGSAR SSPPLRTPDV LESSGPAVRS GLNATFMAFN RKGREGFLK SVENAPLAKR RKQKLRSA SRRGSPAPAN PGRAPVASKG APRRANGPLP PS</p>
Source	E.coli
Target Names	RPS6KA4
Protein Names	Recommended name: Ribosomal protein S6 kinase alpha-4 Short name= S6K-alpha-4 EC= 2.7.11.1 Alternative name(s): 90 kDa ribosomal protein S6 kinase 4 Nuclear mitogen- and stress-activated protein kinase 2 Ribosomal protein kin
Expression Region	1-772
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 CREB1 and c-fos. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly 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

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.