



Recombinant Human Ribosomal protein S6 kinase beta-2 (RPS6KB2)

Product Code	CSB-EP883366HU-B
Abbreviation	RPS6KB2
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.	Q9UBS0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAAVFDLDLE TEEGSEGEGER PELSPADACP LAELRAAGLE PVGHYEEVEL TETSVNVGPE RIGPHCFELL RVLGKGGYGK VFQVRKVQGT NLGKIYAMKV LRKAKIVRNA KDTAHTRAER NILESVKHPF IVELAYAFQT GGKLYLILEC LSGGELFTHL EREGIFLEDT ACFYLAEITL ALGHLHSQGI IYRDLKPENI MLSSQGHIKL TDFGLCKESI HEGAVTHTFC GTIEYMAPEI LVRSGHNRAV DWWSLGALMY DMLTGSPPT AENRKKTMDK IIRGKLALPP YLTPDARDLV KKFLKRNPSQ RIGGGPGDAA DVQRHPFFRH MNWDDLLAWR VDPPFRPCLQ SEEDVSQFDT RFTRQTPVDS PDDTALSESA NQAFLGFTYV APSVLDSIKE GFSFQPKLRS PRRLNSSPRA PVSPLKFSPF EGFRPSPSLP EPTLPLPPL LPPPPPSTTA PLPIRPPSGT KSKRGRGRP GR
Source	E.coli
Target Names	RPS6KB2
Protein Names	Recommended name: Ribosomal protein S6 kinase beta-2 Short name= S6K-beta-2 Short name= S6K2 EC= 2.7.11.1 Alternative name(s): 70 kDa ribosomal protein S6 kinase 2 Short name= P70S6K2 Short name= p70-S6K 2 S6
Expression Region	1-482
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 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.
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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