



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

<b>Product Code</b>	CSB-EP883366HU
<b>Abbreviation</b>	RPS6KB2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9UBS0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 LPPPPSTTA PLPIRPPSGT KSKRGRGRP GR
<b>Source</b>	E.coli
<b>Target Names</b>	RPS6KB2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-482
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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