

Recombinant Human RPS6KB2 protein, His & GST-tagged

Cat. No. RPS6KB2-1935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS6KB2 aa. (Asp194~Pro453 (Accession # Q9UBS0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp194~Pro453
Description	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains a kinase catalytic domain and phosphorylates the S6 ribosomal protein and eukaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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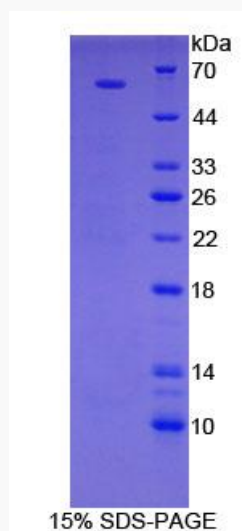
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	6.6
GENE INFORMATION	
Gene Name	RPS6KB2 ribosomal protein S6 kinase B2 [Homo sapiens (human)]
Official Symbol	RPS6KB2
Synonyms	RPS6KB2; ribosomal protein S6 kinase B2; KLS; SRK; S6K2; STK14B; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta; ribosomal protein S6 kinase beta-2; 70 kDa ribosomal protein S6 kinase 2; P70S6K2; S6 kinase-related kinase; S6K-beta; S6K-beta-2; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB; p70 ribosomal S6 kinase beta; p70-S6K 2; ribosomal protein S6 kinase, 70kDa, polypeptide 2; serine/threonine-protein kinase 14 beta; serine/threonine-protein kinase 14B
Gene ID	6199

mRNA Refseq NM_003952.2

Protein Refseq NP_003943.2

UniProt ID Q9UBS0

SDS-PAGE



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