

Recombinant Human RPS6KB2, His-tagged

Cat. No. RPS6KB2-2437H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS6KB2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-325aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	RPS6KB2 ribosomal protein S6 kinase, 70kDa, polypeptide 2 [Homo sapiens]
Official Symbol	RPS6KB2
Synonyms	RPS6KB2; ribosomal protein S6 kinase, 70kDa, polypeptide 2; ribosomal protein S6 kinase, 70kD, polypeptide 2; ribosomal protein S6 kinase beta-2; KLS; P70 BETA; p70S6Kb; STK14B; P70S6K2; S6K-beta; p70 S6KB; p70-S6K 2; S6K-beta-2; p70 S6K-beta; p70 S6 kinase beta; S6 kinase-related kinase; p70 ribosomal S6 kinase

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beta; serine/threonine-protein kinase 14B; 70 kDa ribosomal protein S6 kinase 2; serine/threonine-protein kinase 14 beta; SRK; S6K2; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta;

Gene ID [6199](#)

mRNA Refseq [NM_003952](#)

Protein Refseq [NP_003943](#)

MIM [608939](#)

UniProt ID [Q9UBS0](#)

Chromosome Location 11q13.1

Pathway AKT phosphorylates targets in the nucleus, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;

Function ATP binding; nucleotide binding; peptide binding; protein kinase activity; protein serine/threonine kinase activity; ribosomal protein S6 kinase activity;

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