

# Recombinant Human RPS6KB2, His-tagged

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

## SPECIFICATION

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

## GENE INFORMATION

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| <b>Gene Name</b>       | RPS6KB2 ribosomal protein S6 kinase, 70kDa, polypeptide 2 [ Homo sapiens ]                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | RPS6KB2                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | 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;                                                                                                                                                                                                                     |
| <b>Gene ID</b>             | <a href="#">6199</a>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_003952</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | <a href="#">NP_003943</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | <a href="#">608939</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">Q9UBS0</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 11q13.1                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | 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; |
| <b>Function</b>            | ATP binding; nucleotide binding; peptide binding; protein kinase activity; protein serine/threonine kinase activity; ribosomal protein S6 kinase activity;                                                                                                                                                                                                                                                           |