

Active Recombinant Human RPS6KA2 protein, GST-tagged

Cat. No. RPS6KA2-961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human RPS6KA2 protein(Q15349-1)(Met 1-Leu 733) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-733 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.0, 20mM GSH.
Bio-activity	The specific activity was determined to be 41 nmol/min/mg using synthetic RSK peptide (KRRRLSSLRA) as substrate.
Molecular Mass	The recombinant human RPS6KA2/GST chimera consists of 957 amino acids and migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 84 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [RPS6KA2 ribosomal protein S6 kinase, 90kDa, polypeptide 2 \[Homo sapiens \]](#)

Official Symbol [RPS6KA2](#)

Synonyms

RPS6KA2; ribosomal protein S6 kinase, 90kDa, polypeptide 2; ribosomal protein S6 kinase, 90kD, polypeptide 2; ribosomal protein S6 kinase alpha-2; HU 2; RSK; RSK3; RSK-3; p90RSK2; p90-RSK 2; MAPKAPK-1c; S6K-alpha-2; MAPKAP kinase 1c; ribosomal S6 kinase 3; MAPK-activated protein kinase 1c; ribosomal protein S6 kinase alpha 2; 90 kDa ribosomal protein S6 kinase 2; MAP kinase-activated protein kinase 1c; HU-2; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2;

Gene ID [6196](#)

mRNA Refseq [NM_001006932](#)

Protein Refseq [NP_001006933](#)

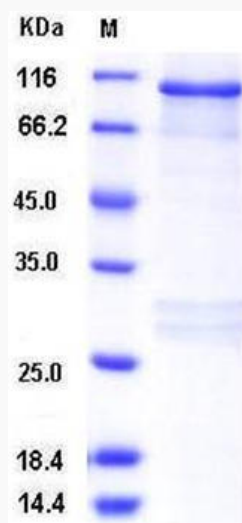
MIM [601685](#)

UniProt ID [Q15349](#)

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SDS-PAGE

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