

Recombinant Human RPS6KA2, His-tagged

Cat. No. RPS6KA2-2433H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS6KA2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	66-311aa
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	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

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	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
Chromosome Location	6q27
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Axon guidance, organism-specific biosystem; CREB phosphorylation, organism-specific biosystem; CREB phosphorylation through the activation of Ras, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Function	ATP binding; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;