

Recombinant Human RPS6KA6

Cat. No. RPS6KA6-30418TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human RSK4 was expressed by baculovirus in Sf9 insect cells using an N-terminal proprietary tag.
Species	Human
Description	This gene encodes a member of ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways.
Biological activity	Specific activity: 540nmol/min/mg.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	RPS6KA6 ribosomal protein S6 kinase, 90kDa, polypeptide 6 [Homo sapiens]
Official Symbol	RPS6KA6

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Synonyms	RPS6KA6; ribosomal protein S6 kinase, 90kDa, polypeptide 6; ribosomal protein S6 kinase, 90kD, polypeptide 6; ribosomal protein S6 kinase alpha-6; RSK4;
Gene ID	27330
mRNA Refseq	NM_014496
Protein Refseq	NP_055311
MIM	300303
Uniprot ID	Q9UK32
Chromosome Location	Xq21.1
Pathway	Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Axon guidance, 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 kinase activity; protein serine/threonine kinase activity;

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