

Recombinant Human RPS6KA5

Cat. No. RPS6KA5-30250TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human MSK1 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system; amino acids 1-802, 120kDa.
Species	Human
ProteinLength	1-802 a.a.
Description	Ribosomal protein S6 kinase alpha-5 is an enzyme that in humans is encoded by the RPS6KA5 gene.
Biological activity	The Specific activity of RPS6KA5-30250TH was determined to be 89 nmol/min/mg.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	RPS6KA5 ribosomal protein S6 kinase, 90kDa, polypeptide 5 [Homo sapiens]
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Official Symbol	RPS6KA5
Synonyms	RPS6KA5; ribosomal protein S6 kinase, 90kDa, polypeptide 5; ribosomal protein S6 kinase, 90kD, polypeptide 5; ribosomal protein S6 kinase alpha-5; MSK1; RLPK;
Gene ID	9252
mRNA Refseq	NM_004755
Protein Refseq	NP_004746
MIM	603607
Uniprot ID	O75582
Chromosome Location	14q31-q32.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Axon guidance, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; CREB phosphorylation, organism-specific biosystem;
Function	ATP binding; magnesium ion binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity;