

## Recombinant Human RPS6KA4, His-tagged

Cat. No. RPS6KA4-2434H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPS6KA4 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>	1-302aa
<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

<b>Gene Name</b>	RPS6KA4 ribosomal protein S6 kinase, 90kDa, polypeptide 4 [ Homo sapiens ]
<b>Official Symbol</b>	RPS6KA4
<b>Synonyms</b>	RPS6KA4; ribosomal protein S6 kinase, 90kDa, polypeptide 4; ribosomal protein S6 kinase, 90kD, polypeptide 4; ribosomal protein S6 kinase alpha-4; MSK2; RSK B; RSKB; S6K-alpha-4; ribosomal protein kinase B; ribosomal protein S6 kinase alpha 4; 90 kDa ribosomal protein S6 kinase 4; mitogen- and stress-activated protein kinase 2;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

nuclear mitogen- and stress-activated protein kinase 2; RSK-B;

**Gene ID** [8986](#)

**mRNA Refseq** [NM\\_001006944](#)

**Protein Refseq** [NP\\_001006945](#)

**MIM** [603606](#)

**UniProt ID** [O75676](#)

**Chromosome Location** 11q11-q13

**Pathway** Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;

**Function** ATP binding; magnesium ion binding; mitogen-activated protein kinase p38 binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; ribosomal protein S6 kinase activity;

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