

## Recombinant Human RPS6KA6, His-tagged

Cat. No. RPS6KA6-2436H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPS6KA6 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>	C-117aa
<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>	RPS6KA6 ribosomal protein S6 kinase, 90kDa, polypeptide 6 [ Homo sapiens ]
<b>Official Symbol</b>	RPS6KA6
<b>Synonyms</b>	RPS6KA6; ribosomal protein S6 kinase, 90kDa, polypeptide 6; ribosomal protein S6 kinase, 90kD, polypeptide 6; ribosomal protein S6 kinase alpha-6; RSK4; RSK-4; p90RSK6; p90-RSK 6; S6K-alpha 6; S6K-alpha-6; ribosomal S6 kinase 4; 90 kDa ribosomal protein S6 kinase 6; PP90RSK4;

 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

<b>Gene ID</b>	27330
<b>mRNA Refseq</b>	NM_014496
<b>Protein Refseq</b>	NP_055311
<b>MIM</b>	300303
<b>UniProt ID</b>	Q9UK32
<b>Chromosome Location</b>	Xq21.1
<b>Pathway</b>	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; Insulin Signaling, organism-specific biosystem; L1CAM interactions, organism-specific biosystem;
<b>Function</b>	ATP binding; magnesium ion binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity;

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