

Recombinant Human RPS6KA4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RPS6KA4-2049H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

RPS6KA4 MS Standard C13 and N15-labeled recombinant protein (NP_003933) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including CREB1 and ATF1. The encoded protein can also phosphorylate histone H3 to regulate certain inflammatory genes. Several transcript variants encoding different isoforms have been found for this gene.

Molecular Mass

85.4 kDa

AA Sequence

MGDEDDDESCAVELRITEANLTGHEEKVSVENFELLKVLGTGAYGKVFLVRKAGGH
DAGKLYAMKVLKKAALVQRAKTQEHTRTERSVLELVQRAPFLVTLHYAFQTDACLHL
ILDYVSGGEMFTHLYQRQYFKEAEVRVYGGEIVLALHKLHKLGIYRDLKLENVLLDSE
GHIVLTDGFLSKEFLTEEKERTFSFCGTIEYMAPEIIRSKTGHGKAVDWWSLGILLFEL
LTGASPFTLEGERNTQAEVSRRLKCSPPFPFRIGPVAQDLLQRLLCKDPKKRLGAG
PQGAQEVNRNHPFFQGLDWVALAARKIPAPFRPQIRSELVGNFAEEFTRLEPVYSP
PGSPPPGDPRIFQGYSFVAPSILFDHNNVMTDGLEAPGAGDRPGRAAVARSAMM

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



QDSPFFQQYELDLREPALGQGSFSVCRRRCRQRQSGQEFVAVKILSRRLAANTQREV
 AALRLCQSHPNVNLHEVHHDQLHTYLVLLELLRGGELLEHIRKKRHFSESEASQILRS
 LVSAVSFMHEEAGVVHRDLKPENILYADDTPGAPVKIIDFGFARLRPQSPGVPMQTP
 CFTLQYAAPELLAQGGYDESCDLWLSGLVILYMMMLSGQVPFQGASGQGGQSQAEEI
 MCKIREGRFSLDGEAWQGVSEEAKELVRGLLTVDPKRLKLEGLRGSSWLQDGSA
 RSSPPLRTPDVLESSGPAVRSGLNATFMAFNRGKREGFFLKSVENAPLAKRRKQKL
 RSATASRRGSPAPANPGRAPVASKGAPRRANGPLPPSTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RPS6KA4 ribosomal protein S6 kinase A4 [Homo sapiens (human)]
Official Symbol	RPS6KA4
Synonyms	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; nuclear mitogen- and stress-activated protein kinase 2; RSK-B;

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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

Gene ID 8986

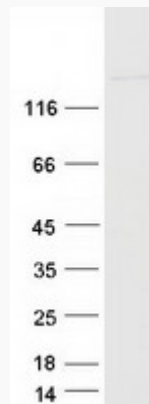
mRNA Refseq NM_003942

Protein Refseq NP_003933

MIM 603606

UniProt ID O75676

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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