

Recombinant Human RPS6KA3 Protein, His-tagged

Cat. No. RPS6KA3-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human RPS6KA3 Protein with His tag was expressed in Baculovirus.
Species	Human
Source	Insect Cells
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 members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS).
Form	Frozen
Molecular Mass	86.3 kDa
Purity	90% as determined by a Coomassie® blue stained SDS-PAGE gel.
Storage	Store at -80 centigrade. At first use, aliquot and store at -80 centigrade to avoid multiple freeze-thaws.
Storage Buffer	50mM Tris pH 7.5, 150mM NaCl, 0.05mM EDTA, 0.05% Triton X-10, 2mM DTT, 50% glycerol

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

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

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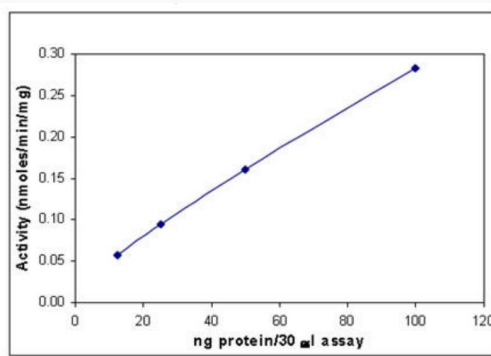
Dilutions	20 mM Tris (pH 7.5), 0.05% Triton® X-100, 0.1 mg/mL BSA, 2 mM DTT, 0.5 mM Na3VO4 and 10% Glycerol.
Shipping	Dry Ice
Full Length	Full L.
GENE INFORMATION	
Gene Name	RPS6KA3 ribosomal protein S6 kinase A3 [Homo sapiens (human)]
Official Symbol	RPS6KA3
Synonyms	RPS6KA3; ribosomal protein S6 kinase A3; CLS; RSK; HU-3; RSK2; MRX19; ISPK-1; p90-RSK2; pp90RSK2; MAPKAPK1B; S6K-alpha3; ribosomal protein S6 kinase alpha-3; MAP kinase-activated protein kinase 1b; MAPK-activated protein kinase 1b; MAPKAP kinase 1b; MAPKAPK-1b; RSK-2; S6K-alpha-3; epididymis secretory sperm binding protein; insulin-stimulated protein kinase 1; p90-RSK 3; ribosomal S6 kinase 2; ribosomal protein S6 kinase, 90kDa, polypeptide 3; EC 2.7.11.1
Gene ID	6197
mRNA Refseq	NM_004586
Protein Refseq	NP_004577
MIM	300075
UniProt ID	P51812

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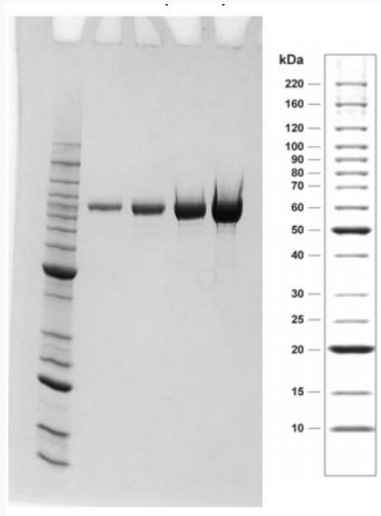
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RPS6KA3 (RSK2) Activity Graph



Gel Information for RPS6KA3 (RSK2)



Page Description: The SDS-PAGE and/or Native PAGE were run on 4-20% Tris-Glycine Novex® gels.

Lane 1: Protein Ladder

Lane 2: 1 μg RPS6KA3 (RSK2)

Lane 3: 2 μg RPS6KA3 (RSK2)

Lane 4: 5 μg RPS6KA3 (RSK2)

Lane 5: 10 μg RPS6KA3 (RSK2)