

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

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

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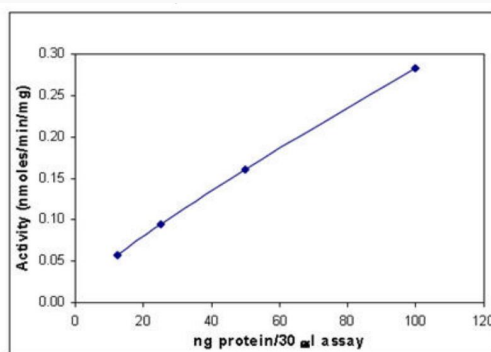
Dilutions	20 mM Tris (pH 7.5), 0.05% Triton® X-100, 0.1 mg/mL BSA, 2 mM DTT, 0.5 mM Na3VO4 and 10% Glycerol.
Shipping	Dry Ice
Full Length	Full L.
GENE INFORMATION	
Gene Name	RPS6KA3 ribosomal protein S6 kinase A3 [Homo sapiens (human)]
Official Symbol	RPS6KA3
Synonyms	RPS6KA3; ribosomal protein S6 kinase 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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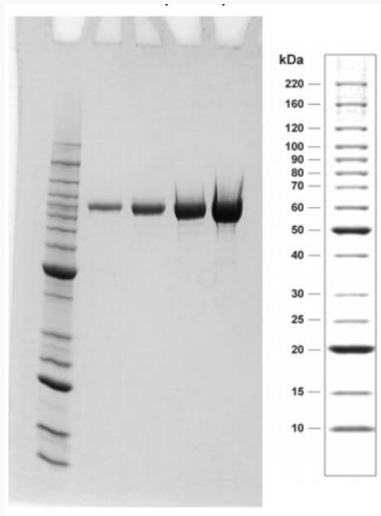
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RPS6KA3 (RSK2) Activity Graph



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 μ g RPS6KA3 (RSK2)

Lane 3: 2 μ g RPS6KA3 (RSK2)

Lane 4: 5 μ g RPS6KA3 (RSK2)

Lane 5: 10 μ g RPS6KA3 (RSK2)