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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS6KA3 (Human) Recombinant Protein (P01)

Catalog Number: H00006197-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS6KA3 full-length ORF (AAH96303.1, 1 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPLAQLADPWQKMAVESPSDSAENGGQIMDEPMGE
EEINPQTEEVSIKEIAITHHVKEGHEKADPSQFELLKVL
GQGSFGKVFLVKKILGSDARQLYAMKVLKATLKVRD
RVRTKMERDILVEVNHFPFIVKLHYAFQTEGKLYLILDFL
RGGDLFTRLSKEVMFTEEDVKFYLAELALALDHLHSLG
IYRDLKPENILLDEEGHIKLTDFGLSKESIDHEKKAYSF
CGTVEYMAPEVVNRRGHTQSADWWSFGVLMFEMLT
GTLPFQGKDRKETMTMILKAKLGMPQFLSPEAQSLLR
MLFKRNPANRLGAGPDGVVEIKRHSFFSTIDWNKLYR
REIHPPFKPATGRPEDTFYFDPEFTAKTPKDSGIPPS
ANAHQLFRGFSFVAITSDDESQAMQTVGVHSIVQQLH
RNSIQFTDGYEVKEDIGVGSYSVCKRCIHKATNMEFAV
KIIDKSKRDPTEEIEILLRYGQHPNIITLKD VYDDGKYVY
VVTELMKGGELLDKILRQKFFSEREASAVLFTITKTVEY
LHAQGVVHRDLKPSNILYVDESGNPESIRICDFGFAKQ
LRAENGLLMTPCYTANFVAPEVLKRQGYDAACDIWSL
GVLLYTMLTGYTPFANGPDDTPEEILARIGSGKFSLSG
GYWNSVSDTAKDLVSKMLHVDPHQRLTAALVLRHPWI
VHWDQLPQYQLNRQDAPHLVKGAMAATYSALNRNQS
PVLEPVGRSTLAQRRGIKKITSTAL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 110.2

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6197

Gene Symbol: RPS6KA3

Gene Alias: CLS, HU-3, ISPK-1, MAPKAPK1B, MRX19, RSK, RSK2, S6K-alpha3, p90-RSK2, pp90RSK2

Gene Summary: 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). [provided by RefSeq]