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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS6KA2 (Human) Recombinant Protein (P01)

Catalog Number: H00006196-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS6KA2 full-length ORF (NP_066958.2, 1 a.a. - 733 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDLSMKKFAVRRFFSVYLRRKSRKSSSLSRLEEEGV
VKEIDISHHVKEGFEKADPSQFELLKVLGQGSYGKVF
VRKVKGSDAGQLYAMKVLKATLKVRDRVRSKMERDI
LAEVNHPIVVKLHYAFQTEGKLYLILDFLRGGDLFTRLS
KEVMFTEEDVKFYLAELALDHLHSLGIIYRDLKPENIL
LDEEGHIKITDFGLSKEAIDHDKRAYSFCEGTYEYMAPEV
VNRRGHTQSADWWSFGVLMFEMLTGSLPFQKDRK
ETMALILKAKLGMPQFLSGEAQSLLRALFKRNPENRGL
AGIDGVVEIKRHPFFVTIDWNTLYRKEIKPPFKPAVGR
EDTFHFDPEFTARTPTDSPGVPPSANAHHLFRGFSFV
ASSLIQEPSQDLHKVPVHPIVQQLHGNNIHFTDGYEI
KEDIGVGSYSVCKRVCVKATDTEYAVKIIDKSKRDPSE
EIEILLRYGQHPNIITLKD VYDDGK FVYLVMELMRGGEL
LDRILRQRYFSEREASDVLCTITKTMDYLHSQGVVHRD
LKPSNILYRDESGSPESIRVCDGFAKQLRAGNLLMT
PCYTANFVAPEVLKRQGYDAACDIWLSL GILLYTMLAGF
TPFANGPDDTPEEILARIGSGKYALSGGNWDSISDAK
DVVSKMLHVDPHQRLTAMQVLKHPWV V NREYLSPNQ
LSRQDVHLVKGAMAATYFALNRTPQAPRLEPVLSSNL
AQRGMKRLTSTRL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 109.6

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: 6196

Gene Symbol: RPS6KA2

Gene Alias: HU-2, MAPKAPK1C, RSK, RSK3, S6K-alpha, S6K-alpha2, p90-RSK3, pp90RSK3

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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]