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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS6KA1 (Human) Recombinant Protein (P01)

Catalog Number: H00006195-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS6KA1 full-length ORF (AAH14966.1, 1 a.a. - 735 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPLAQLKEPWPLMELVPLDPENGQTSGEEAGLQPSK
DEGVLKEISITHHVKAGSEKADPSHFELLKVLGQGSFG
KVFLVRKVTRPDSGHLIYAMKVLKATLKVRDRVRTKM
ERDILADVNHPFVVKLHYAFQTEGKLYLILDFLRGGDLF
TRLSKEVMFTEEDVKFYLAELALGLDHLHSLGIIYRD
PENILLDEEGHIKLTDFGLSKEAIDHEKKAYSFCGTVEY
MAPEVVNRQGHSHSADWWSYGVLMFEMLTGSLPFQ
GKDRKETMTLILKAKLGMPQFLSTEAQSLLRALFKRNP
ANRLGSGPDGAEIIRHVFYSTIDWNKLYRREIKPPFK
PAVAQPDDTFYFDTEFTSRTPKDSGIPPSAGAHQLF
RGFSFVATGLMEDDGKPRAPQAPLHSVQQQLHGKNL
VFSDGYVVKETIGVGSYSECKRCVHKATNMEYAVKVI
DKSKRDPSEEIEILLRYGQHPNIITLKD VYDDGKHVYLV
TELMRGGELLDKILRQKFFSEREASFVLHTIGKTVEYLH
SQGVVHRDLKPSNILYVDESGNPECLRICDFGFAKQLR
AENGLLMTPCYTANFVAPEVLKRQGYDEGCDIWSLGI
LLYTMLAGYTPFANGPSDTPPEILTRIGSGKFTLSGGN
WNTVSETAKDLVSKMLHVDPHQRLTAKQVLQHPWVT
QKDKLPQSQLSHQDLQLVKGAMAATYSALNSSKPTPQ
LKPIESSILAQRVRKLPSTTL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 106.2599

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: 6195

Gene Symbol: RPS6KA1

Gene Alias: HU-1, MAPKAPK1A, RSK, RSK1

Gene Summary: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical 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]