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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RAPGEF5 (Human) Recombinant Protein (P01)

Catalog Number: H00009771-P01

Regulation Status: For research use only (RUO)

Product Description: Human RAPGEF5 full-length ORF (AAH39203, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGSSRLRVFDPHLERKDSAAALSDRELPLPTFDVPYF
KYIDEEDEDEWSSRSQSSTEDDSVDSLLSDRYVVVS
GTPEKILEHLLNDLHLEEVQDKETETLLDDFLLTYTFM
TTDDLQALLRHYSACKYQGKEENS DVPRRKRKVLHL
VSQWIALYKDWLPEDEHSMFLKTIYRNVLDVVYEYPI
LEKELKEFQKILGMHRRHTVDEYSPQKKNKALFHQFSL
KENWLQHRGTVTETEEIFCHVYITEHSYVSVKAKVSSI
AQEILLCSQLGKRVQLVKKFIKIAAHCKAQRNLNSFFAI
VMGLNTASVSRLSQTWEKIPGKFRKLFSELES LTDPSL
NHKAYRDAFKKMKPPKIPFVPLLLKDVTFIHEGNKTFLD
NLVNFELHMIADTVRTL RH CRTN QFGDLSPEHQEL
KSYVNHLYVIDSQQALFELSHRIEPRV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.58

Interspecies Antigen Sequence: Mouse (94)

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: 9771

Gene Symbol: RAPGEF5

Gene Alias: GFR, KIAA0277, MR-GEF, REPAC

Gene Summary: Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RAPGEF5, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[supplied by OMIM]