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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RASGRP2 (Human) Recombinant Protein (P01)

Catalog Number: H00010235-P01

Regulation Status: For research use only (RUO)

Product Description: Human RASGRP2 full-length ORF (NP_005816.2, 1 a.a. - 671 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGTQRLCGRGTQGWPGSSEQHVQEATSSAGLHSGV
DELGVRSEPGGRLPERSLGPAHPAPAAMAGTLDLKD
GCTVEELLRGCIEAFDDSGKVRDPQLVRMFLMMHPW
YIPSSQLAAKLLHIYQQSRKDNSNSLQVKTCHLVRYWI
SAFPAEFDLNPELAEQIKELKALLDQEGNRRHSSLIDID
SVPTYKWKQRQVTQRNPVGQKKRMSLLFDHLEPMEL
AEHLTYLEYRSFCKILFQDYHSFVTHGCTVDNPVLERFI
SLFNSVSQWVQLMILSKPTAPQRALVITHFVHVAEKLL
QLQNFNTLMAVVGGLSHSSISRLKETHSHVSPETIKLW
EGLTELVTATGNYGNYYRRRLAACVGFRRPILGVHLKDL
VALQLALPDWLDPARTRLNGAKMKQLFSILEELAMVTS
LRPPVQANPDLLSLLTVSLDQYQTEDELYQLSLQREPR
SKSSPTSPTSCTPPPRPPVLEEWTSAAKPKLDQALVV
EHIEKMOVESVFRNFDVDGDGHISQEEFQIIRGNFPYLS
AFGDLQNDGCISREEMVSYFLRSSSVLGGRMGFV
HNFQESNSLRPVACRHCKALILGIYKQGLKCRACGVN
CHKQCKDRLSVECRRAQSVSLEGSAPSPSPMHS
HRAFSFSLPRPGRGSRPPEIREEEVQTVEDGVFDIHL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 101.9

Interspecies Antigen Sequence: Mouse (96)

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: 10235

Gene Symbol: RASGRP2

Gene Alias: CALDAG-GEFI, CDC25L

Gene Summary: The protein encoded by this gene is a brain-enriched nucleotide exchanged factor that contains an N-terminal GEF domain, 2 tandem repeats of EF-hand calcium-binding motifs, and a C-terminal diacylglycerol/phorbol ester-binding domain. This protein can activate small GTPases, including RAS and RAP1/RAS3. The nucleotide exchange activity of this protein can be stimulated by calcium and diacylglycerol. Three alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]