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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RASGRP4 (Human) Recombinant Protein (P01)

Catalog Number: H00115727-P01

Regulation Status: For research use only (RUO)

Product Description: Human RASGRP4 full-length ORF (NP_733749.1, 1 a.a. - 673 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MNRKDSKRKSHQECTGKIGGRGRPRQVRRHKTCPSPEISKVMASMNLLGGLSEGGCEDELLEKCIQSFDSAGSLCHEDHMLNMVLAMHSWVLPADLAARLLTSYQKATGDTQELRRLQICHVRYWLMRHPEVMHQDPQLEEVIGRFATVAREGNSAQRRLLGSSDLLSPGGPGPPLPMS SPGLGKKRKRKVSLLFDHLETGELAQHLYLEFRSFQAIT PQDLRSYVLQGSVRGCPALEGSGVLSNSVSRWVQVM VLSRPGPLQRAQVLDKFIHVAQRLHQLQNFNTLMAVT GGLCHSAISRLKDSHAHLSPDSTKALLELELLASHNN YARYRRTWAGCAGFRLPVLGVHLKDLVSLHEAQPDRLPDGRHLPLKLNLYLRLQELVALQGQHPPCSANEDLL HLLTSLDLFYTEDEIYELSYAREPRCPKSLPPSPFNAP LVVEWAPGVTPKPDVTLGRHVEQLVESVFKNYDPE GRGTISQEDFERLSGNFPFACHGLHPPRQGRGSFS REELTYLLRASAICSKLGLAFLHTFHEVTFRKPTFCDS CSGFLWGVTKQGYRCREGLCCCHKHCRDQVKVECK KRPGAKGDAGPPGAPVPSTPAPHASCGSEENHSYTL SLEPETGCQLRHAWTQTESPHPSWETDTVPCPVMDP PSTASSKLDS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 101.3

Interspecies Antigen Sequence: Mouse (85); Rat (82)

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: 115727

Gene Symbol: RASGRP4

Gene Alias: -

Gene Summary: The protein encoded by this gene is a member of the Ras guanyl nucleotide-releasing protein (RasGRP) family of Ras guanine nucleotide exchange factors. It contains a Ras exchange motif, a diacylglycerol-binding domain, and two calcium-binding EF hands. This protein was shown to activate H-Ras in a cation-dependent manner in vitro. Expression of this protein in myeloid cell lines was found to be correlated with elevated level of activated RAS protein, and the RAS activation can be greatly enhanced by phorbol ester treatment, which suggested a role of this protein in diacylglycerol regulated cell signaling pathways. Studies of a mast cell leukemia cell line expressing substantial amounts of abnormal transcripts of this gene indicated that this gene may play an important role in the final stages of mast cell development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]