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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RGS1 (Human) Recombinant Protein (P01)

Catalog Number: H00005996-P01

Regulation Status: For research use only (RUO)

Product Description: Human RGS1 full-length ORF (AAH15510, 1 a.a. - 196 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPGMFFSANPKELKGTTHSLDDKMQRKRRPKTFGMD
MKAYLRSMIPHLESGMKSSKSKDVLSSAAEVMQWSQS
LEKLLANQTGQNVFGSFLKSEFSEENIEFWLACEDYKK
TESDLLPRKAEIYKAFVHLDAAKQINIDFRTRESTAKKI
KAPTPTCFDEAQKVIYTLMEKDSYPRFLKSDIYLNLLND
LQANSLK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.3

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: 5996

Gene Symbol: RGS1

Gene Alias: 1R20, BL34, IER1, IR20

Gene Summary: This gene encodes a member of the regulator of G-protein signalling family. This protein is

located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq]