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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RGS13 (Human) Recombinant Protein (P02)

Catalog Number: H00006003-P02

Regulation Status: For research use only (RUO)

Product Description: Human RGS13 full-length ORF (NP_002918.1, 1 a.a. - 159 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSRRNCWICKMCRDESKRPPSNLTLEEVLQWAQSFE
NLMATKYGPVVYAAYLKMEHSDENIQFWMACETYKKI
ASRWSRISRACKLYKIYIQPQSPREINIDSSTRETIIRNIQ
EPTETCFEEAQKIVYMHMERDSYPRFLKSEMYQKLLK
TMQSNNSF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 45.5

Interspecies Antigen Sequence: Mouse (84)

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: 6003

Gene Symbol: RGS13

Gene Alias: MGC17173

Gene Summary: The protein encoded by this gene is a

member of the regulator of G protein signaling (RGS) family. RGS family members share similarity with *S. cerevisiae* SST2 and *C. elegans* egl-10 proteins, which contain a characteristic conserved RGS domain. RGS proteins accelerate GTPase activity of G protein alpha-subunits, thereby driving G protein into their inactive GDP-bound form, thus negatively regulating G protein signaling. RGS proteins have been implicated in the fine tuning of a variety of cellular events in response to G protein-coupled receptor activation. The biological function of this gene, however, is unknown. Two transcript variants encoding the same isoform exist. [provided by RefSeq]