

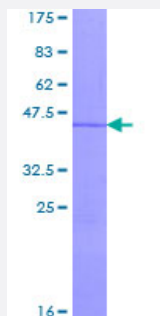
Full-Length

RGS13 (Human) Recombinant Protein (P02)

Catalog # H00006003-P02

Size 25 ug, 10 ug

Applications



Specification

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	MSRRNCWICKMCRDESKRPPSNLTLEEV LQWAQSFENLMATKYGPVVYAA YLKMEHSDENIQF WMACETYKKIASRWSRISRAKKLYKMQPQSPREINIDSSTRETIIRNIQEPTETCFEEAQKIVYMHME RDSYPRFLKSEMYQKLLKTMQSNSF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.5
Interspecies Antigen Sequence	Mouse (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RGS13

Entrez GeneID [6003](#)

GeneBank Accession# [NM_002927.3](#)

Protein Accession# [NP_002918.1](#)

Gene Name RGS13

Gene Alias MGC17173

Gene Description regulator of G-protein signaling 13

Omim ID [607190](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations OTTHUMP00000033593|regulator of G-protein signalling 13

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)