

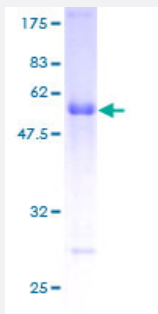
Full-Length

RGS19 (Human) Recombinant Protein (P01)

Catalog # H00010287-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGS19 full-length ORF (AAH01318, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPTPHEAEKQITGPEEADRPSPSMSSHDTASPAAPSRNPCCLCWCCCCSCSWNQERRRAWQA SRESKLQPLPSCEVCATPSPEEVQSWAQSFDKLMHSPAGRSVFRAFLRTEYSEENMLFWLACE ELKAEANQHVVDEKARLIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDAQLQYTLMHR DSYPRFLSSPTYRALLLQGPSQSSSEA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.61
Interspecies Antigen Sequence	Mouse (91); Rat (90)
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 — RGS19

Entrez GeneID [10287](#)**GeneBank Accession#** [BC001318](#)**Protein Accession#** [AAH01318](#)**Gene Name** RGS19**Gene Alias** GAIP, RGSGAIP**Gene Description** regulator of G-protein signaling 19**Omim ID** [605071](#)**Gene Ontology** [Hyperlink](#)

Gene Summary G proteins mediate a number of cellular processes. The protein encoded by this gene belongs to the RGS (regulators of G-protein signaling) family and specifically interacts with G protein, GAI3. This protein is a guanosine triphosphatase-activating protein that functions to down-regulate Galpha i/Galpha q-linked signaling. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. [provided by RefSeq]

Other Designations G alpha interacting protein|G protein signalling regulator 19|OTTHUMP00000031632|guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein|regulator of G-protein signalling 19

Disease

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