

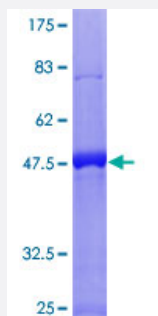
Full-Length

RGS16 (Human) Recombinant Protein (P01)

Catalog # H00006004-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGS16 full-length ORF (NP_002919.2, 1 a.a. - 202 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MCRTLAAPPTCLERAKEFKTRLGIFLHKSELGCDTGSTGKFEWGSKHSENRFSEDLGWRE SFDLLLSSKNGVAAFHAFKTEFSEENLEFWLACEEFKKIRSATKLASRAHQIFEEFICSEAPKEV NIDHETRELTRMNLQTATATCFDAAQGKTRLMEKDSYPRFLKSPAYRDLAAQASAASATLSSCS LDEPSHT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.2
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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 — RGS16

Entrez GeneID [6004](#)**GeneBank Accession#** [NM_002928.2](#)**Protein Accession#** [NP_002919.2](#)**Gene Name** RGS16**Gene Alias** A28-RGS14, A28-RGS14P, RGS-R**Gene Description** regulator of G-protein signaling 16**Omim ID** [602514](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the 'regulator of G protein signaling' family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade. [provided by RefSeq]

Other Designations OTTHUMP00000033147|regulator of G-protein signalling 16

Disease

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- [Carcinoma](#)

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