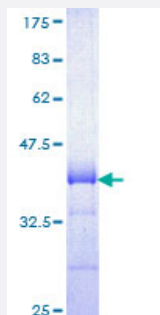


RGS16 (Human) Recombinant Protein (Q01)

Catalog # H00006004-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGS16 partial ORF (NP_002919, 90 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ENLEFWLACEEFKKIRSATKLASRAHQIFEEFICSEAPKEVNIDHETRELTRMNLQTATATCFDAAQ GKTRTLMEKDSYPRFLKSPAYRD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (89); Rat (89)
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](#)

Protein Accession# [NP_002919](#)

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

- [Asthma](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)