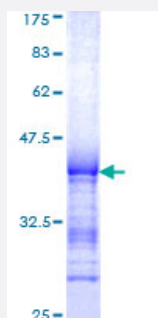


RGS12 (Human) Recombinant Protein (Q01)

Catalog # H00006002-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGS12 partial ORF (NP_002917, 1095 a.a. - 1191 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGQRRVLEEKDP SRGKASADKQKGVPVKQNTAVNSSSRNHSATGEERTLGKSNSIKIKGENGKN ARDPRLSKREESIAKIGKKKYQKINLDEAEEFF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (89); Rat (88)
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 — RGS12

Entrez GeneID	6002
GeneBank Accession#	NM_002926
Protein Accession#	NP_002917
Gene Name	RGS12
Gene Alias	DKFZp761K1617, DKFZp761K1817
Gene Description	regulator of G-protein signaling 12
Omim ID	602512
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the 'regulator of G protein signaling' (RGS) gene family. The encoded protein may function as a guanosine triphosphatase (GTPase)-activating protein as well as a transcriptional repressor. This protein may play a role in tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000115311 OTTHUMP00000115312 regulator of G-protein signalling 12

Disease

- [Asthma](#)
- [Carcinoma](#)
- [Cerebral Hemorrhage](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
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- [Subarachnoid Hemorrhage](#)