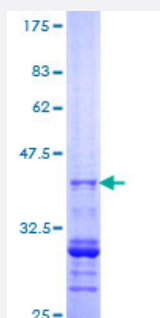


RGS20 (Human) Recombinant Protein (Q01)

Catalog # H00008601-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGS20 partial ORF (NP_003693, 78 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NQEDQRPTIASHELRLDPTWEESPAPTLEEVDNAWAQSFDKLMVTPAGRNAFREFLRTEFSEEN MLFWMAACEELKKEANKNIIEEKARIYEDYISLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (87); Rat (87)
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 — RGS20

Entrez GeneID	8601
GeneBank Accession#	NM_003702
Protein Accession#	NP_003693
Gene Name	RGS20
Gene Alias	RGSZ1, ZGAP1
Gene Description	regulator of G-protein signaling 20
Omim ID	607193
Gene Ontology	Hyperlink
Gene Summary	Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi (see GNAI1; MIM 139310) and Gq (see GNAQ; MIM 600998) class G-alpha proteins. They accelerate transition through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination.[supplied by OMIM]
Other Designations	regulator of G-protein signalling 20 regulator of Gz-selective protein signaling

Disease

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

- [Hypertension](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)