

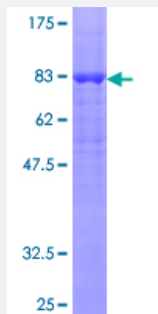
Full-Length

RGS6 (Human) Recombinant Protein (P01)

Catalog # H00009628-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RGS6 full-length ORF (NP_004287.3, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAQGSGDQRAVGADPEESSPNMIVYCKIEDITKMQDDKTGGVPIRTVKSFLSKIPSVVTGTDIVQ
WLMKNLSIEDPVEAIHLGSLIAAQGYIFPISDHVLTMKDDGTFYRFQAPYFWPSNCWEPENTDYAIY
LCKRTMQNKARLELADYEAENLARLQRAFARKWEFIFMQAEAQVKIDRKKDKTERKILDSQERAF
WDVHRPVPGCVNTTMDIRKCRRLKNPQKVKKSVYGVTEESQAQSPVHVLSQPIRKTTKEDIRK
QITFLNAQIDRHCLKMSKVAESLIAYTEQYVEYDPLITPAEPSNPWISDDVALWDIEMSKEPSQQRV
KRWGFSFDEILKDQVGRDQFLRFLSEFSSSENLRFWLAVQDLKKQPLQDVAKRVEEIWQEFLAP
GAPSAINLDSHSYEITSQNVKDGGRYTFEDAQEHYKLMKSDSYARFLRSNAYQDLLLAKKKGKSL
AGKRLTGLMQSS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.8

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 — RGS6

Entrez GeneID[9628](#)**GeneBank Accession#**[NM_004296.3](#)**Protein Accession#**[NP_004287.3](#)**Gene Name**

RGS6

Gene Alias

DKFZp313G1241, FLJ43552, GAP, MGC142132

Gene Description

regulator of G-protein signaling 6

Omim ID[603894](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Members of the RGS (regulator of G protein signaling) family, such as RGS6, modulate G protein function by activating the intrinsic GTPase activity of the alpha (guanine nucleotide-binding) subunits (Seki et al., 1999 [PubMed 10083744]).[supplied by OMIM]

Other Designations

G protein signaling 6 regulator|GTPase activating protein|H_DJ0283M22.1|H_DJ1108A12.1|WUGSC:H_DJ0283M22.1|WUGSC:H_DJ1108A12.1|regulator of G protein signaling 6|regulator of G protein signalling 6|regulator of G-protein signalling 6

Disease

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