

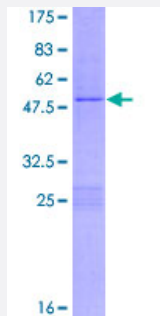
Full-Length

RGS2 (Human) Recombinant Protein (P01)

Catalog # H00005997-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RGS2 full-length ORF (NP_002914.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQSAMFLAVQHDCRPMDSAGSGHKSEEKREKMKRTLLKDWKTRLSYFLQNSSTPGKPKTGK
KSKQQAFIKPSPEEAQLWSEAFDELLASKYGLAAFRFLKSEFCEENIEFWLACEDFKKTKSPQ
KLSSKARKIYTDIEKEAPKEINIDFQTKTLIAQNIQEATSGCFTTAQKRVYSLMENNSYPRFLESEFY
QDLCKKPQITTEPHAT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.8

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 — RGS2

Entrez GeneID [5997](#)

GeneBank Accession# [NM_002923.1](#)

Protein Accession# [NP_002914.1](#)

Gene Name RGS2

Gene Alias G0S8

Gene Description regulator of G-protein signaling 2, 24kDa

Omim ID [600861](#)

Gene Ontology [Hyperlink](#)

Gene Summary Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq]

Other Designations G0 to G1 switch regulatory 8, 24kD|OTTHUMP00000033592|OTTHUMP00000060765|cell growth-inhibiting protein 31|regulator of G-protein signalling 2, 24kD|regulator of G-protein signalling 2, 24kDa

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