

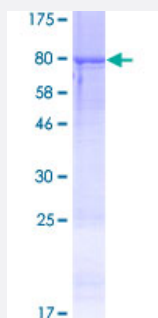
Full-Length

RGS11 (Human) Recombinant Protein (P01)

Catalog # H00008786-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RGS11 full-length ORF (AA153020.1, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAGPAPPPGRPRAQMPHLRKMERVVVSMQDPDQGVKMRSQRLLVTVIPHAVTGSDVVQWLA
QKFCVSEEEALHLGAVLVQHGYIPLRDPRSLMLRPDETPYRFQTPYFWTSTLRPAAELDYA
KKNIRKRGTLVDYKDCYDRLHKKINHAWDLVLMQAREQLRAAKQRSKGDRLLVIACQEQTYWLVN
RPPPGAPDVLEQGPGRGSCAASRVLMTKSADFHKREIEYFRKALGRTRVKSSVCLEAYLSFCGQ
RGPHDPLVSGCLPSNPWISDNDAYWVMNAPTVAAPTCLRVERWGFSEFRELLEDPVGRAHFMD
LGKEFSGENLSFWEACEELRYGAQAQVPTLVDAVYEQFLAPGAHWNIDSRTEQTLGLRQP
HRYVLDDAQLHYMLMKKDSYPRFLKSDMYKALLAEAGIPLEMKRRVFPFTWRPRHSSPSPALLP
TPVEPTAACGPGGGDGVA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.32

Interspecies Antigen Sequence

Mouse (78); Rat (79)

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 — RGS11

Entrez GeneID	8786
GeneBank Accession#	BC153019
Protein Accession#	AAI53020.1
Gene Name	RGS11
Gene Alias	RS11
Gene Description	regulator of G-protein signaling 11
Omim ID	603895
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000067354 regulator of G-protein signalling 11

Disease

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