

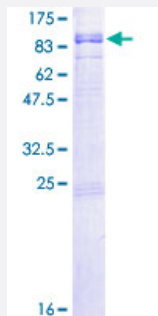
Full-Length

RGS12 (Human) Recombinant Protein (P01)

Catalog # H00006002-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RGS12 full-length ORF (ENSP00000304459, 1 a.a. - 555 a.a.) recombinant protein with GS T-tag at N-terminal.

Sequence

MKKHDFAEENLPSSLLIILVIFTLGSKFGRGTGLTQPSQRTSARRSFGRSKRFSITRSLDDLESATV
SDGELTGADLKDCVSNNSLSSNASLPSVQSCRRRLRERRVASWAVSFERLLQDPVGVRVYFSDFL
RKEFSEENILFWQACEYFNHVPAMDKKELSYRAREIFSFLCSKATTPVNIDSQAQLADDVLRAPH
PDMFKEQQLQIFNLMKFDSYTRFLKSPLYQECILAEVEGRALPDSQQVPSSPASKHSLGSDHSSV
STPKKLSGKSKSGRSLNEELGDEDESEKKRKGAFFSWSRTRSTGRSQKKREHGDHADDALHAN
GGLCRRESQGSVSSAGSLDLSEACRTLAPEKDKATKHCCIHLPDGTSCVVAVKAGFSIKDILSGL
CERHNGINGAAADLFLVGGDKPLVLHQDSSILESRLRLEKRTLFRDLVPINRSVGLKAKPTKPVT
EVLRPVVARYGLDLSGLLVRLSKEPEPLDLGAPISSLDGQRVVLEEKDPSRGKASADKQKGVVPV
KQNTAVNSSSRNHSATSFLSLFPKLRATEQMTNVGC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.5

Interspecies Antigen Sequence

Mouse (91); Rat (91)

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#	ENST00000306648
Protein Accession#	ENSP00000304459
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

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- [Genetic Predisposition to Disease](#)
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