Recombinant Full Length Human RGS3 Protein

Cat. No. RGS3-452HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RGS3 , containing an N-terminal proprietary tag; predicted MWt 47.23 kDa
Species	Human
Source	In Vitro Cell Free System
ProteinLength	193 amino acids
Description	This gene encodes a member of the regulator of G-protein signaling (RGS) family. This protein is a GTP-ase activating protein which inhibits G-protein mediated signal transduction. The protein is largely cytosolic, but G-protein activation leads to translocation of this protein to the plasma membrane. A nuclear form of this protein has also been described, but its sequence has not been identified. Multiple alternatively spliced transcript variants have been described for this gene but the full-length nature of some transcripts is not yet known.
Form	Liquid
Molecular Mass	47.230kDa inclusive of tags
AA Sequence	MLRGMYLTRNGNLQRRHTMKEAKDMKNKLGIFRRRSESPG APPAGKADKMMKSF KPTSEEALKWGESLEKLLVHKYGLAV FQAFLRTEFSEENLEFWLACEDFKKVKSQS KMASKAKKIF AEYIAIQACKEVNLDSYTREHTKDNLQSVTRGCFDLAQKR IFGLMEK DSYPRFLRSDLYLDLINQKKMSPPL

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	RGS3 regulator of G-protein signaling 3 [Homo sapiens]
Official Symbol	RGS3
Synonyms	RGS3; regulator of G-protein signaling 3; regulator of G protein signalling 3; C2PA; FLJ20370; PDZ RGS3
Gene ID	5998
mRNA Refseq	NM_017790
Protein Refseq	NP_060260
MIM	602189
UniProt ID	P49796

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