

Recombinant Human RGS3 Protein, His-tagged

Cat. No. RGS3-392H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS3, transcript variant 5, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the regulator of G-protein signaling (RGS) family. This protein is a GTPase-activating protein that inhibits G-protein-mediated signal transduction. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. Long isoforms are largely cytosolic and plasma membrane-associated with a function in Wnt signaling and in the epithelial mesenchymal transition, while shorter N-terminally-truncated isoforms can be nuclear.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	34.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; regulator of G-protein signalling 3; RGP3; PDZ-RGS3; FLJ31516; FLJ90496;
Gene ID	5998
mRNA Refseq	NM_017790
Protein Refseq	NP_060260
MIM	602189
UniProt ID	P49796

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