Recombinant Human RGS13 Protein, His-tagged

Cat. No. RGS13-688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS13, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the regulator of G protein signaling (RGS) family. RGS family members share similarity with S. cerevisiae SST2 and C. elegans egl-10 proteins, which contain a characteristic conserved RGS domain. RGS proteins accelerate GTPase activity of G protein alpha-subunits, thereby driving G protein into their inactive GDP-bound form, thus negatively regulating G protein signaling. RGS proteins have been implicated in the fine tuning of a variety of cellular events in response to G protein-coupled receptor activation. The biological function of this gene, however, is unknown. Two transcript variants encoding the same isoform exist.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1%Sarkosyl.
Molecular Mass	19 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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 INFORMATION

Gene Name	RGS13 regulator of G-protein signaling 13 [Homo sapiens]
Official Symbol	RGS13
Synonyms	RGS13; regulator of G-protein signaling 13; regulator of G protein signalling 13; regulator of G-protein signalling 13; MGC17173;
Gene ID	6003
mRNA Refseq	NM_002927
Protein Refseq	NP_002918
MIM	607190
UniProt ID	O14921

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