

Recombinant Human RGS16 protein, MYC/DDK-tagged

Cat. No. RGS16-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS16 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the 'regulator of G protein signaling' family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	22.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	RGS16 regulator of G-protein signaling 16 [Homo sapiens]
Official Symbol	RGS16

 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

Synonyms	RGS16; regulator of G-protein signaling 16; regulator of G protein signalling 16; A28 RGS14; RGS r; hRGS-r; retinal-specific RGS; regulator of G-protein signalling 16; retinally abundant regulator of G-protein signaling; RGS-R; A28-RGS14; A28-RGS14P;
Gene ID	6004
mRNA Refseq	NM_002928
Protein Refseq	NP_002919
MIM	602514
UniProt ID	O15492
Chromosome Location	1q25-q31
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	GTPase activator activity; calmodulin binding; protein binding;

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