

Recombinant Human RGS11 cell lysate

Cat. No. RGS11-1500HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	RGS11?regulator of G-protein signaling 11 [?Homo sapiens?(human)]
Official Symbol	RGS11
Synonyms	RGS11; regulator of G-protein signaling 11; RS11

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Gene ID	8786
mRNA Refseq	NM_001286485
Protein Refseq	NP_001273414
MIM	603895
UniProt ID	O94810
Chromosome Location	16p13.3
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem
Function	G-protein beta-subunit binding; GTPase activator activity; signal transducer activity

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