

Recombinant Human RAPGEF5 cell lysate

Cat. No. RAPGEF5-1469HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RAPGEF5, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).
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	RAPGEF5 Rap guanine nucleotide exchange factor (GEF) 5 [Homo sapiens]
Official Symbol	RAPGEF5
Synonyms	RAPGEF5; Rap guanine nucleotide exchange factor (GEF) 5; rap guanine nucleotide exchange factor 5; GFR; KIAA0277; M Ras regulated GEF; MR GEF; related to Epac;

 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

	M-Ras-regulated GEF; M-Ras-regulated Rap GEF; guanine nucleotide exchange factor for Rap1; REPAC; MR-GEF;
Gene ID	9771
mRNA Refseq	NM_012294
Protein Refseq	NP_036426
MIM	609527
UniProt ID	Q92565
Chromosome Location	7p15.3
Function	GTP-dependent protein binding; Rap guanyl-nucleotide exchange factor activity; Ras guanyl-nucleotide exchange factor activity;

 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