

Recombinant Human ARHGEF5 cell lysate

Cat. No. ARHGEF5-118HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization.
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	ARHGEF5 Rho guanine nucleotide exchange factor (GEF) 5 [Homo sapiens]
Official Symbol	ARHGEF5
Synonyms	P60; TIM; GEF5; TIM1; rho guanine nucleotide exchange factor 5; p60 TIM; ephexin-3; oncogene TIM; guanine nucleotide regulatory protein TIM; transforming immortalized mammary oncogene

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Gene ID	7984
mRNA Refseq	NM_005435
Protein Refseq	NP_005426
MIM	600888
UniProt ID	Q12774
Chromosome Location	7q35
Pathway	Regulation of RhoA activity, organism-specific biosystem
Function	GTP binding; Rho guanyl-nucleotide exchange factor activity; protein binding

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