

Recombinant Human ARHGAP5 293 Cell Lysate

Cat. No. ARHGAP5-8737HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Rho GTPase activating protein 5 (ARHGAP5), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 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

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ARHGAP5 Rho GTPase activating protein 5 [Homo sapiens]

Official Symbol

ARHGAP5

Synonyms

ARHGAP5; Rho GTPase activating protein 5; GFI2, growth factor independent 2; rho GTPase-activating protein 5; p190 B; p190BRhoGAP; RhoGAP5; p105 RhoGAP; growth factor independent 2; p100 RasGAP-associated p105 protein; rho-type GTPase-activating protein 5; GFI2; p190-B;

Gene ID

394

mRNA Refseq

NM_001030055

Protein Refseq

NP_001025226

MIM

602680

UniProt ID

Q13017

Chromosome Location

14q12

Pathway

Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Leukocyte transendothelial migration, organism-specific biosystem; Leukocyte transendothelial migration,

 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

conserved biosystem; RAC1 signaling pathway, organism-specific biosystem;
Regulation of RhoA activity, organism-specific biosystem;

Function

GTP binding; GTPase activator activity; GTPase activity; Rho GTPase activator
activity; SH2 domain binding;

 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