

Human ARHGEF2 Knockdown Cell Lysate

Cat. No. ARHGEF2-052HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ARHGEF2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate rho-dependent signals. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Cell-Tissue Lysis buffer
Molecular Mass	111 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ARHGEF2 KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Pathogenic Escherichia coli infection
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ARHGEF2 Rho/Rac guanine nucleotide exchange factor (GEF) 2 [Homo sapiens (human)]
Official Symbol	ARHGEF2
Synonyms	ARHGEF2; Rho/Rac guanine nucleotide exchange factor (GEF) 2; rho/rac guanine nucleotide exchange factor (GEF) 2; rho guanine nucleotide exchange factor 2; GEF H1; KIAA0651; LFP40; P40; microtubule-regulated Rho-GEF; guanine nucleotide exchange factor H1; proliferating cell nucleolar antigen p40; Rho/Rac guanine nucleotide exchange factor 2; GEF; GEFH1; GEF-H1; FLJ45440; DKFZp547L106; DKFZp547P1516;
Gene ID	9181
mRNA Refseq	NM_001162383
Protein Refseq	NP_001155855
MIM	607560

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