Human ARF5 Knockdown Cell Lysate

Cat. No. ARF5-049HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ARF5 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene is a member of the human ADP-ribosylation factor (ARF) gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2,and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization.
Form	Cell-Tissue Lysis buffer
Molecular Mass	21 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ARF5 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ARF5 ADP-ribosylation factor 5 [Homo sapiens (human)]
Official Symbol	ARF5
Synonyms	ARF5; ADP-ribosylation factor 5;
Gene ID	381
mRNA Refseq	NM_001662
Protein Refseq	NP_001653
MIM	103188
UniProt ID	P84085

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