

Human ARF6 Knockdown Cell Lysate

Cat. No. ARF6-050HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ARF6 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF 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 product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7.
Form	Cell-Tissue Lysis buffer
Molecular Mass	20 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 ARF6 KD HeLa cell lysate
Protein Pathways	Endocytosis, Fc gamma R-mediated phagocytosis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ARF6 ADP-ribosylation factor 6 [Homo sapiens (human)]
Official Symbol	ARF6
Synonyms	ARF6; ADP-ribosylation factor 6; DKFZp564M0264;
Gene ID	382
mRNA Refseq	NM_001663
Protein Refseq	NP_001654
MIM	600464
UniProt ID	P62330

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