

Human ARPC2 Knockdown Cell Lysate

Cat. No. ARPC2-055HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ARPC2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined.
Form	Cell-Tissue Lysis buffer
Molecular Mass	34 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 ARPC2 KD HeLa cell lysate
Protein Pathways	Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa [Homo sapiens (human)]
Official Symbol	ARPC2
Synonyms	ARPC2; actin related protein 2/3 complex, subunit 2, 34kDa; actin related protein 2/3 complex, subunit 2 (34 kD); actin-related protein 2/3 complex subunit 2; ARC34; p34 Arc; arp2/3 complex 34 kDa subunit; ARP2/3 protein complex subunit 34; PRO2446; p34-Arc; PNAS-139;
Gene ID	10109
mRNA Refseq	NM_005731
Protein Refseq	NP_005722
MIM	604224
UniProt ID	O15144

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