

Human ACTR2 Knockdown Cell Lysate

Cat. No. ACTR2-321HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated ACTR2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	45 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 ACTR2 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ACTR2 ARP2 actin-related protein 2 homolog (yeast) [Homo sapiens (human)]
Official Symbol	ACTR2
Synonyms	ACTR2; ARP2 actin-related protein 2 homolog (yeast); ARP2 (actin related protein 2, yeast) homolog; actin-related protein 2; ARP2; actin-like protein 2;
Gene ID	10097
mRNA Refseq	NM_001005386
Protein Refseq	NP_001005386
MIM	604221
UniProt ID	P61160

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