Human RING1 Knockdown Cell Lysate

Cat. No. RING1-289HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated RING1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4.
Form	Cell-Tissue Lysis buffer
Molecular Mass	42 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 RING1 KD HeLa cell lysate
Protein Families	Druggable Genome, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	RING1 ring finger protein 1 [Homo sapiens (human)]
Official Symbol	RING1
Synonyms	RING1; ring finger protein 1; E3 ubiquitin-protein ligase RING1; RNF1; polycomb complex protein RING1; really interesting new gene 1 protein; RING1A;
Gene ID	6015
mRNA Refseq	NM_002931
Protein Refseq	NP_002922
MIM	602045
UniProt ID	Q06587

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