

Human KRT10 Knockdown Cell Lysate

Cat. No. KRT10-359HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KRT10 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.
Form	Cell-Tissue Lysis buffer
Molecular Mass	59 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 KRT10 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	KRT10 keratin 10 [Homo sapiens (human)]
Official Symbol	KRT10
Synonyms	KRT10; keratin 10; keratosis palmaris et plantaris, KPP; keratin, type I cytoskeletal 10; CK10; cytokeratin 10; epidermolytic hyperkeratosis; K10; CK-10; keratin-10; BIE; EHK; KPP; BCIE;
Gene ID	3858
mRNA Refseq	NM_000421
Protein Refseq	NP_000412
MIM	148080
UniProt ID	P13645

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