

Human KRT4 Knockdown Cell Lysate

Cat. No. KRT4-361HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KRT4 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
Form	Cell-Tissue Lysis buffer
Molecular Mass	56 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 KRT4 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	KRT4 keratin 4 [Homo sapiens (human)]
Official Symbol	KRT4
Synonyms	KRT4; keratin 4; CYK4; keratin, type II cytoskeletal 4; CK4; cytokeratin 4; K4; keratin; type II cytoskeletal 4; type-II keratin Kb4; CK-4; FLJ31692;
Gene ID	3851
mRNA Refseq	NM_002272
Protein Refseq	NP_002263
MIM	123940
UniProt ID	P19013

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