

Human MATR3 Knockdown Cell Lysate

Cat. No. MATR3-371HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MATR3 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a nuclear matrix protein, which is proposed to stabilize certain messenger RNA species. Mutations of this gene are associated with distal myopathy 2, which often includes vocal cord and pharyngeal weakness. Alternatively spliced transcript variants, including read-through transcripts composed of the upstream small nucleolar RNA host gene 4 (non-protein coding) and matrin 3 gene sequence, have been identified. Pseudogenes of this gene are located on chromosomes 1 and X.
Form	Cell-Tissue Lysis buffer
Molecular Mass	95 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 MATR3 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	MATR3 matrin 3 [Homo sapiens (human)]
Official Symbol	MATR3
Synonyms	MATR3; matrin 3; MPD2, myopathy, distal 2; matrin-3; KIAA0723; MGC9105; VCPDM; vocal cord and pharyngeal weakness with distal myopathy; MPD2; DKFZp686K0542; DKFZp686K23100;
Gene ID	9782
mRNA Refseq	NM_199189
Protein Refseq	NP_954659
MIM	164015
UniProt ID	P43243

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