

Human EMD Knockdown Cell Lysate

Cat. No. EMD-156HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated EMD Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Emerin is a serine-rich nuclear membrane protein and a member of the nuclear lamina-associated protein family. It mediates membrane anchorage to the cytoskeleton. Dreifuss-Emery muscular dystrophy is an X-linked inherited degenerative myopathy resulting from mutation in the emerin gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	29 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
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg EMD KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	EMD emerin [Homo sapiens (human)]
Official Symbol	EMD
Synonyms	EMD; emerin; Emery Dreifuss muscular dystrophy; LEM domain containing 5; LEMD5; STA; EDMD;
Gene ID	2010
mRNA Refseq	NM_000117
Protein Refseq	NP_000108
MIM	300384
UniProt ID	P50402

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