

Human CHD3 Knockdown Cell Lysate

Cat. No. CHD3-108HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CHD3 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the CHD family of proteins which are characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. This protein is one of the components of a histone deacetylase complex referred to as the Mi-2/NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Chromatin remodeling is essential for many processes including transcription. Autoantibodies against this protein are found in a subset of patients with dermatomyositis. Three alternatively spliced transcripts encoding different isoforms have been described.
Form	Cell-Tissue Lysis buffer
Molecular Mass	226 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 CHD3 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CHD3 chromodomain helicase DNA binding protein 3 [Homo sapiens (human)]
Official Symbol	CHD3
Synonyms	CHD3; chromodomain helicase DNA binding protein 3; chromodomain-helicase-DNA-binding protein 3; Mi 2a; Mi2 ALPHA; ZFH; hZFH; CHD-3; zinc finger helicase; ATP-dependent helicase CHD3; mi-2 autoantigen 240 kDa protein; zinc-finger helicase (Snf2-like); Mi-2a; Mi2-ALPHA;
Gene ID	1107
mRNA Refseq	NM_001005271
Protein Refseq	NP_001005271
MIM	602120
UniProt ID	Q12873

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