

Human CHD4 Knockdown Cell Lysate

Cat. No. CHD4-109HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CHD4 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. Somatic mutations in this gene are associated with serous endometrial tumors. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Cell-Tissue Lysis buffer
Molecular Mass	218 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CHD4 KD HeLa cell lysate
Protein Families	Druggable Genome, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CHD4 chromodomain helicase DNA binding protein 4 [Homo sapiens (human)]
Official Symbol	CHD4
Synonyms	CHD4; chromodomain helicase DNA binding protein 4; chromodomain-helicase-DNA-binding protein 4; Mi 2b; Mi2 BETA; CHD-4; ATP-dependent helicase CHD4; Mi-2 autoantigen 218 kDa protein; Mi-2b; Mi2-BETA; DKFZp686E06161;
Gene ID	1108
mRNA Refseq	NM_001273
Protein Refseq	NP_001264
MIM	603277
UniProt ID	Q14839

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