

## Recombinant Human CHD4 cell lysate

Cat. No. CHD4-346HCL    Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ug
<b>Recommended Usage</b>	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
<b>Storage Buffer</b>	In modified RIPA Lysis Buffer.
<b>Applications</b>	Western Blot; Immunoprecipitation;

### GENE INFORMATION

<b>Gene Name</b>	CHD4 chromodomain helicase DNA binding protein 4 [ Homo sapiens ]
<b>Official Symbol</b>	CHD4
<b>Synonyms</b>	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

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	autoantigen 218 kDa protein; Mi-2b; Mi2-BETA; DKFZp686E06161;
<b>Gene ID</b>	<a href="#">1108</a>
<b>mRNA Refseq</b>	<a href="#">NM_001273</a>
<b>Protein Refseq</b>	<a href="#">NP_001264</a>
<b>MIM</b>	<a href="#">603277</a>
<b>UniProt ID</b>	<a href="#">Q14839</a>
<b>Chromosome Location</b>	12p13
<b>Pathway</b>	Signaling events mediated by HDAC Class I, organism-specific biosystem;
<b>Function</b>	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity; hydrolase activity; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; metal ion binding; nucleotide binding; protein binding; transcription factor binding; zinc ion binding;

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