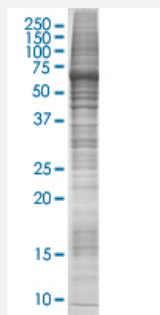


# CHD4 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

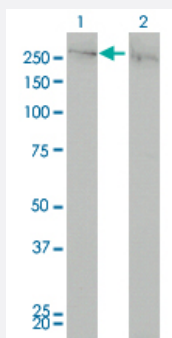
Catalog # L034T6      Size 100 ug

## Applications



### SDS-PAGE Gel

CHD4 transfected lysate



### Western Blot

Lane 1: CHD4 transfected lysate ( 220 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-CHD4 full length
Host	Human
Theoretical MW (kDa)	220
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-CHD4 antibody ([H00001108-M01](#)) by Western Blots.  
SDS-PAGE Gel  
CHD4 transfected lysate  
Western Blot  
Lane 1: CHD4 transfected lysate ( 220 KDa).  
Lane 2: Non-transfected lysate.

**Recommend Usage**

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.

**Storage Buffer**

In modified RIPA Lysis Buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

## Gene Info — CHD4

Entrez GeneID [1108](#)

GeneBank Accession# [NM\\_001273](#)

Protein Accession# [NP\\_001264](#)

Gene Name CHD4

Gene Alias DKFZp686E06161, Mi-2b, Mi2-BETA

Gene Description chromodomain helicase DNA binding protein 4

Omim ID [603277](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**Mi-2 autoantigen 218 kDa protein

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