

Recombinant Human CHD4

Cat. No. CHD4-27065TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CHD4 protein with an N terminal proprietary tag; predicted MWt: 36.52 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
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.
Molecular Weight	36.520kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

Sequences of amino acids	ETEPKGAADVEKVEEKSAIDLTPIVVEDKEEKKEEEEKKEVMLQNGETPKDLNDEKQ KKNIKQRFMFNIADGGFTELHSLWQNEERAATVTKKTYEIIWH
Sequence Similarities	Belongs to the SNF2/RAD54 helicase family.Contains 2 chromo domains.Contains 1 helicase ATP-binding domain.Contains 1 helicase C-terminal domain.Contains 2 PHD-type zinc fingers.

GENE INFORMATION

Gene Name	CHD4 chromodomain helicase DNA binding protein 4 [Homo sapiens]
Official Symbol	CHD4
Synonyms	CHD4; chromodomain helicase DNA binding protein 4; chromodomain-helicase-DNA-binding protein 4; Mi 2b; Mi2 BETA;
Gene ID	1108
mRNA Refseq	NM_001273
Protein Refseq	NP_001264
MIM	603277
Uniprot ID	Q14839
Chromosome Location	12p13
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity;

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hydrolase activity;

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