

Recombinant Human CHD4 Protein, His-tagged

Cat. No. CHD4-772H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHD4 Protein (Lys1681-Gln1912) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys1681-Gln1912
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7 kDa; Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

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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