Recombinant Human CHD3 Protein, His-tagged

Cat. No. CHD3-450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHD3(Cys1551~Phe1742) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys1551~Phe1742
Description	This gene encodes a member of the CHD family of proteins which are characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. This protein is one of the components of a histone deacetylase complex referred to as the Mi-2/NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Chromatin remodeling is essential for many processes including transcription. Autoantibodies against this protein are found in a subset of patients with dermatomyositis. Three alternatively spliced transcripts encoding different isoforms have been described.
Form	20mM Tris, 150mM NaCl,pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	25.7kDa
Identity	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

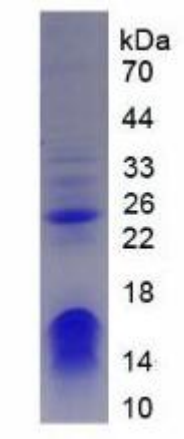
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Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	CHD3 chromodomain helicase DNA binding protein 3 [Homo sapiens]
Official Symbol	CHD3
Synonyms	CHD3; chromodomain helicase DNA binding protein 3; chromodomain-helicase-DNA-binding protein 3; Mi 2a; Mi2 ALPHA; ZFH; hZFH; CHD-3; zinc finger helicase; ATP-dependent helicase CHD3; mi-2 autoantigen 240 kDa protein; zinc-finger helicase (Snf2-like); Mi-2a; Mi2-ALPHA;
Gene ID	1107
mRNA Refseq	NM_001005271

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Protein Refseq	NP_001005271
MIM	602120
UniProt ID	Q12873
	

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