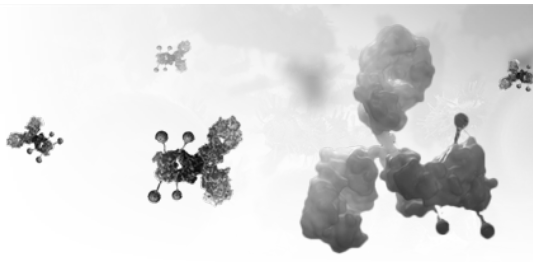

Human CHD3 peptide (DAG-P1479)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Specificity	Widely expressed.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CHD3 chromodomain helicase DNA binding protein 3 [Homo sapiens (human)]
Official Symbol	CHD3

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Synonyms	CHD3; chromodomain helicase DNA binding protein 3; ZFH; Mi-2a; Mi2-ALPHA; chromodomain-helicase-DNA-binding protein 3; hZFH; CHD-3; zinc finger helicase; ATP-dependent helicase CHD3; mi-2 autoantigen 240 kDa protein; zinc-finger helicase (Snf2-like);
Entrez Gene ID	1107
mRNA Refseq	NM_001005271.2
Protein Refseq	NP_001005271.2
UniProt ID	B3KWV4
Chromosome Location	17p13.1
Pathway	Gene Expression, organism-specific biosystem; RNA Polymerase I Promoter Clearance, organism-specific biosystem; RNA Polymerase I Transcription, organism-specific biosystem; RNA Polymerase I Transcription Initiation, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity; poly(A) RNA binding; protein binding; zinc ion binding;

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