

Recombinant Human CHD3 Protein, GST-Tagged

Cat. No. CHD3-1214H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CHD3 partial ORF (NP_001005273, 1654 a.a. - 1741 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	35.42 kDa
AA Sequence	KPLDGQEHRRERPEGETGDLGKREDVKGDRELRPGPRDEPRSNRRREEKTEKPRF MFNIADGGFTELHTLWQNEERAAISSGKLNLIWH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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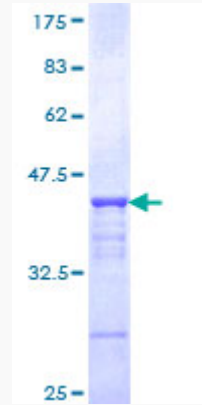
	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHD3 chromodomain 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
Protein Refseq	NP_001005271
MIM	602120
UniProt ID	Q12873

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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