Recombinant Human CHD1

Cat. No. CHD1-27812TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CHD1 with N-terminal proprietary tag. Predicted MW 36.19 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	96 amino acids
Description	The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains.CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template.
Molecular Weight	36.190kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	IKALKDSSSGTERTGGRLGKVKGPTFRISGVQVNAKLVISHEEELIPLHKSIPSDPEER KQYTIPCHTKAAHFDIDWGKEDDSNLLIGIYEYGYGS
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.

GENE INFORMATION

Gene Name	CHD1 chromodomain helicase DNA binding protein 1 [Homo sapiens]
Official Symbol	CHD1
Synonyms	CHD1; chromodomain helicase DNA binding protein 1; chromodomain-helicase-DNA-binding protein 1;
Gene ID	1105
mRNA Refseq	NM_001270
Protein Refseq	NP_001261
MIM	602118
Uniprot ID	O14646
Chromosome Location	5q15-q21
Function	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity; hydrolase activity;

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