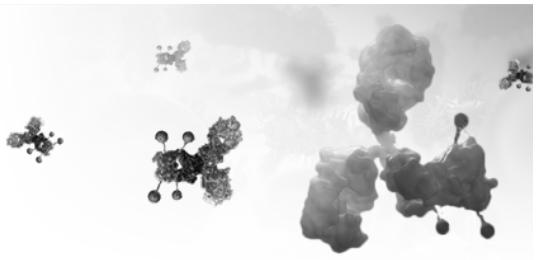

# Human CHD2 peptide (DAG-P0350)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Antigen 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| **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. |
| **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** | CHD2 chromodomain helicase DNA binding protein 2 [ Homo sapiens (human) ] |
| **Official Symbol** | CHD2 |
| **Synonyms** | CHD2; chromodomain helicase DNA binding protein 2; EEOC; chromodomain-helicase-DNA-binding protein 2; CHD-2; ATP-dependent helicase CHD2; |
| **Entrez Gene ID** | 1106 |

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| | |
|---|---|
| **mRNA Refseq** | NM_001042572.2 |
| **Protein Refseq** | NP_001036037.1 |
| **UniProt ID** | O14647 |
| **Chromosome Location** | 15q26 |
| **Function** | ATP binding; ATP-dependent DNA helicase activity; DNA binding; core promoter sequence-specific DNA binding; histone binding; poly(A) RNA binding; |

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