

Recombinant Human CHD2

Cat. No. CHD2-27813TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CHD2 with an N terminal proprietary tag; Predicted MWt 81.22 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	501 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Molecular Weight	81.220kDa 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

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cycles.

Sequences of amino acids

MMRNKDKSQEEDSSLHSNASSHSASEEASGSDSGSQSESE QGSDPGSGHGSSES
 NSSSESSESQSESESESAGSKSQPVLP EAKEKPASKKERIADVKKMWEEYPDVYG
 VRRSNRSRQEPS RFNIKEEASSGSESGSPKRRGQRQLKKQEKWKQEPSEDEQ EQ
 GTSAESEPEQKKVKARRPVPRRTVPKPRVKKQPKTQRG KRKKQDSSDEDDDDDE
 APKRQTRRRRAAKNVSYKEDDDFET DSDDLIENTGEGVDEQQDNSETIEKVLDSRLG
 KKGATGAS TTVYAIEANGDPSGDFDTEKDEGEIQYLIKWKGWSYIHST WESEESLQ
 QQKVKGLKKLENFKKKKEDEIKQWLGVSPEDV EYFNCQQELASELNKQYQIVERVI
 AVKTSKSTLGQTDFA HSRKPAPSNEPEYLCKWMGLPYSECSWEDEALIGKKFQN
 C IDSFHSRNNSKTIPTRECKALKQRPFRFVALKKQPAYLGGE NLELRDYQLEGLNWL
 AHSWCK

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

CHD2 chromodomain helicase DNA binding protein 2 [Homo sapiens]

Official Symbol

CHD2

Synonyms

CHD2; chromodomain helicase DNA binding protein 2; chromodomain-helicase-DNA-binding protein 2; DKFZp547I1315; DKFZp686E01200; DKFZp781D1727; FLJ38614;

Gene ID

1106

mRNA Refseq

NM_001042572

Protein Refseq

NP_001036037

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MIM	602119
Uniprot ID	O14647
Chromosome Location	15q26
Function	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity; hydrolase activity;

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