

## Recombinant Human CHD2

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CHD2 with an N terminal proprietary tag; Predicted MWt 81.22 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	501 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	81.220kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

**Sequences of amino acids**

MMRNKDKSQEEDSSLHSNASSHSASEEASGSDSGSQSESE QGSDPGSGHGSSES  
 NSSSESESQSESESESAGSKSQPVLP EAKEKPASKKERIADVKKMWEEYPDVYG  
 VRRSNRSRQEPS RFNIKEEASSGSESGSPKRRGQRQLKKQEKWKQEPSEDEQ EQ  
 GTSAESEPEQKKVKARRPVPRRTVPKPRVKKQPKTQRG KRKKQDSSDEDDDDDE  
 APKRQTRRRRAAKNVSYKEDDDFET DSDDLIENTGEGVDEQQDNSETIEKVLDSRLG  
 KKGATGAS TTVYAIEANGDPSGDFDTEKDEGEIQYLIKWKGWSYIHST WESEESLQ  
 QQKVKGLKKLENFKKKEDEIKQWLGVSPEDV EYFNCQQELASELNKQYQIVERVI  
 AVKTSKSTLGQTDFFPA HSRKPAPSNEPEYLCCKWMGLPYSECSWEDEALIGKKFQN  
 C IDSFHSRNNSKTIPTRECKALKQRPRFVALKKQPAYLGGE 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; DKFZp54711315; DKFZp686E01200; DKFZp781D1727; FLJ38614;

**Gene ID**

[1106](#)

**mRNA Refseq**

[NM\\_001042572](#)

**Protein Refseq**

[NP\\_001036037](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA