

Recombinant Full Length Human CHD2 Protein

Cat. No. CHD2-74HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	81.220kDa inclusive of tags
AA Sequence	MMRNKDKSQEEDSSLHSNASSHSASEEEASGSDSGSQSESE QGSDPGSGHGSSES NSSSESSSESQSESESESAGSKSQPVLP EAKEKPASKKERIADVKKMWEEYPDVYG VRRSNRSRQEPS RFNIKEEASSGSESGSPKRRGQRQLKKQEKWKQEPSEDEQ EQ GTSASESEPEQKKVKARRPVPRRTVPKPRVKKQPKTQRG KRKKQDSSDEDDDDDE APKRQTRRRRAAKNVSYKEDDDFET DSDDLIENTGEGVDEQQDNSETIEKVLDSRLG

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KKGATGAS TTVYAIEANGDPSGDFDTEKDEGEIQYLIKWKGWSYIHST WESEESLQ
 QQKVKGLKKLENFKKKKEDEIKQWLGVSPEDV EYFNCQQELASELNKQYQIVERVI
 AVKTSKSTLGQTDFFA HSRKPAPSNEPEYLCKWMGLPYSECSWEDEALIGKKFQN
 C IDSFHSRNNSTIPTRECKALKQRPRFVALLKKQPAYLGGE NLELRDYQLEGLNWL
 AHSWCK

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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](#)

MIM [602119](#)

UniProt ID [O14647](#)

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