

Recombinant Full Length Human CHD2 Protein, GST-tagged

Cat. No. CHD2-3317HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CHD2 full-length ORF (AAH07347, 1 a.a. - 501 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	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. [provided by RefSeq, Jul 2008]
Molecular Mass	80.85 kDa
AA Sequence	MMRNKDKSQEEDSSLHSNASSHSASEEASGSDSGSQSESEEQGSDPGSGHGSESN SSSESSESQSESESESAGSKSQPVLPEAKEKPASKKERIADVKKMWEEYPDVYGVR RSNRSRQEPSRFNIKEEASSGSESGSPKRRGQRQLKKQEKWKQEPSEDEQEQT SAESEPEQKKVKARRPVPRRTVPKPRVKKQPKTQRGKRKKQDSSDEDDDDDEAPK RQTRRRRAAKNVSYKEDDDFETDSDDLIEMTGEGVDEQQDNSETIEKVLDSRLGKKG ATGASTTVYAIEANGDPSGDFDTEKDEGEIQYLIKWKGWSYIHSTWESEESLQQQK VKGLKLENFKKKEDEIKQWLGVSPEDVEYFNCQQELASELNKQYQIVERVIAVKT

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SKSTLGQTDFPAHSRKPAPSNEPEYLCKWMGLPYSECSWEDEALIGKKFQNCIDSF
 HSRNNSKTIPTRECKALKQRPRFVALKKQPAYLGGENLELRDYQLEGLNWLHWSWC
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; CHD-2; ATP-dependent helicase CHD2;
Gene ID	1106
mRNA Refseq	NM_001042572
Protein Refseq	NP_001036037

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MIM	602119
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UniProt ID	O14647
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