

Recombinant Full Length Human CTBP2 Protein

Cat. No. CTBP2-99HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CTBP2 with N terminal proprietary tag; Predicted MWt 75.06 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	445 amino acids
Description	This gene produces alternative transcripts encoding two distinct proteins. One protein is a transcriptional repressor, while the other isoform is a major component of specialized synapses known as synaptic ribbons. Both proteins contain a NAD ⁺ binding domain similar to NAD ⁺ -dependent 2-hydroxyacid dehydrogenases. A portion of the 3 untranslated region was used to map this gene to chromosome 21q21.3; however, it was noted that similar loci elsewhere in the genome are likely. Blast analysis shows that this gene is present on chromosome 10.
Form	Liquid
Molecular Mass	75.060kDa inclusive of tags
AA Sequence	MALVDKHKVKRQRLDRICEGIRPQIMNGPLHPRPLVALLD GRDCTVEMPILKDLATV AFCDQAQSTQEIHKEKVLNEAVGAM MYHTITLTREDLEKFKALRVIVRIGSGYDNVDIKA AGELG IAVCNIPSAAVEETADSTICHILNLYRRNTWLYQALREGT RVQSVEQIREVA SGAARIRGETLGLIGFGRTGQAVAVRAK AFGFSVIFYDPYLQDGIERSLGLVQRVYTL

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QDLLYQSDCVS LHCNLNEHNHHLINDFTIKQMRQGAFLVNAARGGLVDEKA LAQAL
KEGRIRGAALDVHESEPFSAQGPLKDAPNLICTP HTAWYSEQASLEMREAAATEIR
RAITGRIPESLRNCVNKE FFVTSAPWSVIDQQAIHPELNGATYRYPPGIVGVAPGGL
P AAMEGIIPGGIPVTHNLPTVAHPSQAPSPNQPTKHGDNRE HPNEQ

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 CTBP2 C-terminal binding protein 2 [Homo sapiens]

Official Symbol CTBP2

Synonyms CTBP2; C-terminal binding protein 2; C-terminal-binding protein 2; ribeye

Gene ID 1488

mRNA Refseq NM_001329

Protein Refseq NP_001320

MIM 602619

UniProt ID P56545

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