

Recombinant Full Length Human CTBP2 Protein, GST-tagged

Cat. No. CTBP2-2208HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTBP2 full-length ORF (AAH02486, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.
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. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]
Molecular Mass	74.69 kDa
AA Sequence	MALVDKHKVKRQRLDRICEGIRPQIMNGPLHPRPLVALLDGRDCTVEMPILKDLATV AFCD AQSTQEIH EKVLNEAVGAMMYHTITLTREDLEKFKALRVIVRIGSGYDNVDIKA AGELGIAVCNIPSAAVEETADSTICHILNLYRRNTWLYQALREGTRVQSVEQIREVAS GAARIRGETLGLIGFGRTGQAVAVRAKAFGFSVIFYDPYLDGIERSLGVQRVYTLQ

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

DLLYQSDCVSLHCNLNEHNHHLINDFTIKQMRQGAFLVNAARGGLVDEKALAQALKE
 GRIRGAALDVHESEPFSAQGPLKDAPNLICTPHTAWYSEQASLEMREAAATEIRRAI
 TGRIPESLRNCVNKEFFVTSAPWSVIDQQAIHPELNGATYRYPPGIVGVAPGGLPAA
 MEGIIPGGIPVTHNLPVVAHPSQAPSPNQPTKHGDNREHPNEQ

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
 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_001083914

Protein Refseq
 NP_001077383

MIM
 602619

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UniProt ID

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