

Recombinant Human CTBP2 Protein, GST-tagged

Cat. No. CTBP2-2054H **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	Wheat Germ
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 AFCDQAQSTQEIHKEKVLNEAVGAMMYHTITLTREDLEKFKALRVIVRIGSGYDNVDIKA AGELGIAVCNIPSAAVEETADSTICHILNLYRRNTWLYQALREGTRVQSVEQIREVAS GAARIRGETLGLIGFGRTGQAVAVRAKAFGFSVIFYDPYLQDGIERSLGVQRVYTLQ DLLYQSDCVSLHCNLNEHNHHLINDFTIKQMRQGAFLVNAARGGLVDEKALAQALKE

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GRIRGAALDVHESEPFSAQGPLKDAPNLICTPHTAWYSEQASLEMREAAATEIRRAI
TGRIPESLRNCVNKEFFVTSAPWSVIDQQAIHPELNGATYRYPPGIVGVAPGGLPAA
MEGIIPGGIPVTHNLPTVAHPSQAPSPNQPTKHGDNREHPNEQ

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

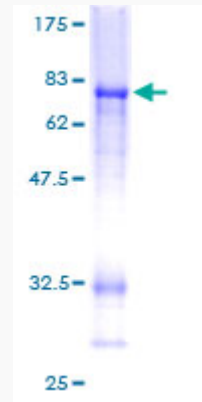
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UniProt ID

P56545

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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