

Recombinant Human CTBP2 Protein, MYC/DDK-tagged

Cat. No. CTBP2-3361H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTBP2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CTBP2 C-terminal binding protein 2 [Homo sapiens]
Official Symbol	CTBP2
Synonyms	OTTHUMP00000020699; OTTHUMP00000020701; ribeye; C-terminal binding protein 2
Gene ID	1488
mRNA Refseq	NM_001083914
Protein Refseq	NP_001077383
MIM	602619
UniProt ID	P56545

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