Recombinant Human CTBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTBP1-3399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001319) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This phosphoprotein is a transcriptional repressor and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. Both proteins can also interact with a polycomb group protein complex which participates in regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants.
Molecular Mass	47.5 kDa
AA Sequence	MGSSHLLNKGLPLGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDAQ STQEIHEKVLNEAVGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAV CNVPAASVEETADSTLCHILNLYRRATWLHQALREGTRVQSVEQIREVASGAARIRG ETLGIIGLGRVGQAVALRAKAFGFNVLFYDPYLSDGVERALGLQRVSTLQDLLFHSD CVTLHCGLNEHNHHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALKEGRIRGA ALDVHESEPLSFSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIPD SLKNCVNKDHLTAATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIV

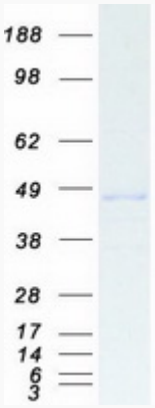
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	PSAMSLSHGLPPVAHPPHAPSPGQTVKPEADRDHASDQLTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CTBP1 C-terminal binding protein 1 [Homo sapiens (human)]
Official Symbol	CTBP1
Synonyms	CTBP1; C-terminal binding protein 1; C-terminal-binding protein 1; BARS; brefeldin A ribosylated substrate; brefeldin A-ribosylated substrate; MGC104684;
Gene ID	1487
mRNA Refseq	NM_001328
Protein Refseq	NP_001319
MIM	602618

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UniProt ID	Q13363
SDS-PAGE	

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