

Recombinant Full Length Human CTBP1 Protein, C-Flag-tagged

Cat. No. CTBP1-448HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CTBP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.4 kDa
AA Sequence	MGSSHLLNKGLPLGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDAAQ STQEIHEKVLNEA VGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAV CNVPAASVEETADSTLCHILNLY RRATWLHQALREGTRVQSVEQIREVASGAARIR GETLGIIGLGRVGQAVALLRAKAFGFNVLFYDPYLSDG VERALGLQRVSTLQDLLFHS DCVTLHCGLNEHNHHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALK EGRIRG AALDVHESEPLSFSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIP

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DSLKNC VNKDHLTAATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGI
VPSAMSLSHGLPPVAHPPHA
PSPGQTVKPEADRDHASDQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Chronic myeloid leukemia, Notch signaling pathway, Pathways in cancer, Wnt signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	CTBP1 C-terminal binding protein 1 [Homo sapiens (human)]
Official Symbol	CTBP1
Synonyms	BARS; HADDTS
Gene ID	1487

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mRNA Refseq [NM_001328.3](#)

Protein Refseq [NP_001319.1](#)

MIM [602618](#)

UniProt ID [Q13363](#)



Coomassie blue staining of purified CTBP1 protein.

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