

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

Cat. No. CTBP1-6132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001012632) 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	46.4 kDa
AA Sequence	MSGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCD AQSTQEIHEKVLN EAVGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAVCNVPAASVEET ADSTLCHILNLYRRATWLHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVG QAVALRAKAFGFNVLFYDPYLSDGVERALGLQRVSTLQDLLFHSDCVTLHCGLNEH NHHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALKEGRIRGAALDVHESEPF SF SQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIPDSLKNKCVNKDHLT AATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIVPSAMSLSHGLPP

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	VAHPPHAPSPGQTVKPEADRDHASDQLTRTRPLEQKLISEEDLAANDILDYKDDDDK V
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_001012614
Protein Refseq	NP_001012632
MIM	602618

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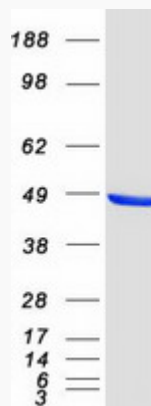
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UniProt ID

Q13363

SDS-PAGE

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