

## Product datasheet for **AR09394PU-N**

### CTBP1 (1-440) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CTBP1 (1-440) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHLLNKG LPLGVRPPIM NGPLHPRPLV ALLDGRDCTV EMPILKDVAT VAFCDASTQ EIHEKVLNEA VGALMYHTIT LTREDLEKFK ALRIIVRIGS GFDNIDIKSA GDLGIAVCNV PAASVEETAD STLCHILNLY RRATWLHQAL REGTRVQSVE QIREVASGAA RIRGETLGII GLGRVQAVA LRAKAFGFNV LFYDPYLSDG VERALGLQRV STLQDLLFHS DCVTLHCGLN EHNHHLINDF TVKQMRQGAF LVNTARGGLV DEKALAQALK EGRIRGAALD VHESEPFSS QGPLKDAPNL ICTPHAAWYS EQASIEMREE AAREIRRAIT GRIPDSLKNC VNKDHLTAAT HWASMDPAV HPELNGAAYR YPPGVVGVAP TGIPAAVEGI VPSAMSLSHG LPPVAHPPHA PSPGQTVKPE ADRDHASDQL
Predicted MW:	47.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 100 mM NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CtBP1 was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001012632</a>
Locus ID:	1487
UniProt ID:	<a href="#">Q13363</a>
Cytogenetics:	4p16.3



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**Synonyms:** C-terminal-binding protein 1, CTBP

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Chronic myeloid leukemia, Notch signaling pathway, Pathways in cancer, Wnt signaling pathway

**Product images:**

