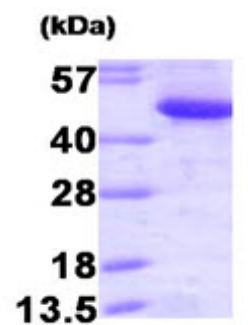


AR09394PU-L

Human CTBP1 (1-440) - Purified

Alternate names:	C-terminal-binding protein 1, CTBP
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	C-terminal-binding protein 1 isoform 1, also known as CtBP1, is expressed from embryo to adult. This protein binds to the C-terminus of adenovirus E1A. It is a cellular phosphoprotein that associates with various proteins and functions as a corepressor of transcription. Also, CtBP1 associates in complexes with histone deacetylases (HDAC), the G9a histone methyltransferase, and LSD1 histone demethylase illustrating its role in transcriptional repression.
Uniprot ID:	Q13363
NCBI:	NP_001319
GeneID:	1487
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 100 mM NaCl, 10% glycerol
Description:	Recombinant human CtBP1 was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHLNKG LPLGVRPPIM NGPLHPRPLV ALLDGRDCTV EMPILKDVAT VAFCDQSTQ EIHEKVLNEA VGALMYHTIT LTREDLEKFK ALRIIVRIGS GFDNIDIKSA GDLGIAVCNV PAASVEETAD STLCHILNLY RRATWLHQAL REGTRVQSVE QIREVASGAA RIRGETLGII GLGRVGQAVA LRAKAFGFNV LFYDPYLSDG VERALGLQRV STLQDLLFHS DCVTLHCGLN EHNHHLINDF TVKQMRQGAF LVNTARGGLV DEKALAQALK EGRIRGAALD VHESEPFSS QGPKLDAPNL ICTPHAAWYS EQASIEMREE AAREIRRAIT GRIPDSLKNC VNKDHLTAAT HWASMDPAVV HPELNGAAYR YPPGVGVGAP TGIPAAVEGI VPSAMSLSHG LPPVAHPPHA PSPGQTVKPE ADRDHASDQL Molecular weight: 47.5 kDa (440 aa)
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. Shelf life: one year from despatch.
General Readings:	Izutsu K., et al. (2001) Blood. 97(9):2815-22.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human CtBP1, 1-440 aa:
15% SDS-PAGE (3 μ g)

