9051 Mira Mesa Blvd, #910094
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CTBP1 Human

C-Terminal Binding Protein 1 Human Recombinant
RCP0583

Product Overview

Name	CTBP1 Human
Description	
C-Terminal Binding Protein 1 Human Recombinant	
Accession (Primary)	Q13363
Synonyms	
EC 1.1.1, BARS, MGC104684, CTBP1, C-terminal-binding protein 1, CTBP.	
Introduction	
CTBP1 participates in controlling the equilibrium between tubular and stacked structures in the Golgi complex. CTBP1 functions in brown adipose tissue differentiation. CTBP1 has dehydrogenase activity. CTBP1 binds to the C-terminus of adenovirus E1A proteins. CTBP1 phosphoprotein is a transcriptional repressor and that takes part during cellular proliferation. CTBP1 & CTBP2 can dimerize and interact with a polycomb group protein complex which is involved in regulation of gene expression during development.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The CTBP1 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHLLNKG LPLGVRPPIM NGPLHPRPLV ALLDGRDCTV EMPILKDVAT VAFCDAQSTQ EIHEKVLNEA VGALMYHTIT LTREDLEKFK ALRIIVRIGS GFDNIDIKSA GDLGIAVCNV PAASVEETAD STLCHILNLY RRATWLHQAL REGTRVQSVE QIREVASGAA RIRGETLGII GLGRVGQAVA LRAKAFGFNV LFYDPYLSDG VERALGLQRV STLQDLLFHS DCVTLHCGLN EHNHHLINDF TVKQMRQGAF LVNTARGGLV DEKALAQALK	

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EGRIRGAALD VHESEPFSFS QGPLKDAPNL ICTPHAAWYS EQASIEMREE AAREIRRAIT GRIPDSLKNC VNKDHLTAAT HWASMDPAVV HPELNGAAYR YPPGVVGVAP TGIPAAVEGI VPSAMSLSHG LPPVAHPPHA PSPGQTVKPE ADRDHASDQL.

Precautions

CTBP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13363)