## antibodies.

## Datasheet for ABIN2712600 CTBP1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)

1 Publication



## Overview

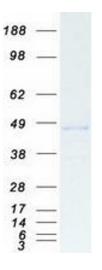
Quantity:	20 µg
Target:	CTBP1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTBP1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human CTBP1 (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	CTBP1
Alternative Name:	Ctbp1 (CTBP1 Products)
Background:	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

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Target Details	
	regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants.
Molecular Weight:	47.4 kDa
NCBI Accession:	NP_001319
Pathways:	Retinoic Acid Receptor Signaling Pathway
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.
Publications	
Product cited in:	Sjuvarsson, Marquez, Eriksson et al.: "Selective Phosphorylation of South and North-Cytidine
	and Adenosine Methanocarba-Nucleosides by Human Nucleoside and Nucleotide Kinases
	Correlates with Their Growth Inhibitory Effects on Cultured" in: Nucleosides, nucleotides &
	nucleic acids, Vol. 34, Issue 8, pp. 544-64, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

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