

Datasheet for ABIN2712600

CTBP1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



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1 Image

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 style="list-style-type: none">• Recombinant human CTBP1 (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CTBP1
Alternative Name:	Ctbp1 (CTBP1 Products)
Background:	<p>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</p>

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