

## Recombinant Human CTBP1 Protein, GST-tagged

CTBP1-2053H Human

Lot. No. (See product label)

### Specification

**Product Overview** Human CTBP1 full-length ORF ( AAH53320, 1 a.a. - 429 a.a.) recombinant protein with GST-tag at N-terminal.

**Description** 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]

**Source** Wheat Germ

**Species** Human

**Tag** GST

**Molecular Mass** 72.93 kDa

**AA Sequence**  
 MSGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDQAQSTQEIHEKVLNEAVGALMY  
 HTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAVCNVPAAASVEETADSTLCHILNLYRRATW  
 LHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVQQAVALRAKAFGFNVLFYDPYLSDG  
 VERALGLQRVSTLQDLLFHSDCVTLHCGLNEHNHHLINDFTVKQMRQGAFLVNTARGGLVDEKA  
 LAQALKEGRIRGAALDVHESEPFSSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAIT  
 GRIPDSLKNCVNDHLTAATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIVPSA  
 MSLSHGLPPVAHPPHAPSPGQTVKPEADRDHASDQL

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Gene Information

**Gene Name** [CTBP1 C-terminal binding protein 1 \[ Homo sapiens \]](#)

**Official Symbol** [CTBP1](#)

**Synonyms** CTBP1; C-terminal binding protein 1; C-terminal-binding protein 1; BARS; brefeldin A ribosylated

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45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: [info@creative-biomart.com](mailto:info@creative-biomart.com)

[www.creativebiomart.net](http://www.creativebiomart.net)

substrate; brefeldin A-ribosylated substrate; MGC104684;

<b>Gene ID</b>	<a href="#">1487</a>
<b>mRNA Refseq</b>	<a href="#">NM_001012614</a>
<b>Protein Refseq</b>	<a href="#">NP_001012632</a>
<b>MIM</b>	602618
<b>UniProt ID</b>	<a href="#">Q13363</a>

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45-1 Ramsey Road, Shirley, NY 11967, USA  
Tel: +1-631-559-9269 Fax: +1-631-938-8127  
E-mail: [info@creative-biomart.com](mailto:info@creative-biomart.com)  
[www.creativebiomart.net](http://www.creativebiomart.net)