

Recombinant Full Length Human CTBP1 Protein, GST-tagged

Cat. No. CTBP1-2267HF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human CTBP1 full-length ORF (AAH53320, 1 a.a. - 429 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 429 amino acids |
| 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] |
| Molecular Mass | 72.93 kDa |
| AA Sequence | MSGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDQAQSTQEIHEKVLN EAVGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAVCNVPAASVEET ADSTLCHILNLYRRATWLHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVG QAVALRAKAFGFNVLFYDPYLSDGERALGLQRVSTLQDLLFHSDCVTLHCGLNEH NHHLLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALKEGRIRGAALDVHESEPFSS SQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIPDSLKNCVNDHILT |

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AATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIVPSAMSLSHGLPP
VAHPPHAPSPGQTVKPEADRDHASDQL

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| 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

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|------------------------|--|
| 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 substrate; brefeldin A-ribosylated substrate; MGC104684 |
| Gene ID | 1487 |
| mRNA Refseq | NM_001012614 |
| Protein Refseq | NP_001012632 |
| MIM | 602618 |

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UniProt ID

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