

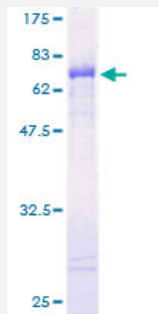
Full-Length

CTBP1 (Human) Recombinant Protein (P01)

Catalog # H00001487-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MSGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDQAQSTQEIHEKVLNEAVGALMY
HTITLTREDLEKFKALRIMRIGSGFDNIDIKSAGDLGIAVCNVPAAASVEETADSTLCHILNLYRRATWL
HQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVGQAVALRAKAFGFNVLFYDPYLSDGVE
RALGLQRVSTLQDLLFHSDCVTLHCGLNEHNHHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQ
ALKEGRIRGAALDVHESEPFSSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIP
DSLKNCVNKDHLTAATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIVPSAMSL
HGLPPVAHPPHAPSPGQTVKPEADRDHASDQL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.93

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

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

Gene Info — CTBP1

Entrez GeneID [1487](#)

GeneBank Accession# [BC053320](#)

Protein Accession# [AAH53320](#)

Gene Name CTBP1

Gene Alias BARS, MGC104684

Gene Description C-terminal binding protein 1

Omim ID [602618](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations brefeldin A-ribosylated substrate

Pathway

- [Chronic myeloid leukemia](#)

- [Notch signaling pathway](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)