

Product datasheet for **RC208594L4V**

CTBP1 (NM_001012614) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CTBP1 (NM_001012614) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CTBP1 |
| Synonyms: | BARS; HADDTS |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001012614 |
| ORF Size: | 1287 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208594). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001012614.1 |
| RefSeq Size: | 2483 bp |
| RefSeq ORF: | 1290 bp |
| Locus ID: | 1487 |
| UniProt ID: | Q13363 |
| Cytogenetics: | 4p16.3 |
| Protein Pathways: | Chronic myeloid leukemia, Notch signaling pathway, Pathways in cancer, Wnt signaling pathway |



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MW: 46.4 kDa

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, Jul 2008]