

## Product datasheet for **RC201519L3V**

### NCBP2 (NM\_007362) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | NCBP2 (NM_007362) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | NCBP2  |
| Synonyms:                 | CBC2; CBP20; NIP1; PIG55   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_007362  |
| ORF Size:                 | 468 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC201519).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_007362.2</a>  |
| RefSeq Size:              | 2175 bp  |
| RefSeq ORF:               | 471 bp   |
| Locus ID:                 | 22916  |
| UniProt ID:               | <a href="#">P52298</a>   |
| Cytogenetics:             | 3q29   |
| Domains:                  | RRM  |
| Protein Families:         | Druggable Genome   |



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**Protein Pathways:** Spliceosome

**MW:** 18 kDa

**Gene Summary:** The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]