

## Product datasheet for **RC207764L4V**

### **clAP2 (BIRC3) (NM\_001165) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | clAP2 (BIRC3) (NM_001165) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | clAP2  |
| Synonyms:                 | AIP1; API2; c-IAP2; CIAP2; HAIP1; HIAP1; IAP-1; MALT2; MIHC; RNF49   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001165  |
| ORF Size:                 | 1812 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC207764).   |
| 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_001165.3</a>  |
| RefSeq Size:              | 6932 bp  |
| RefSeq ORF:               | 1815 bp  |
| Locus ID:                 | 330  |
| UniProt ID:               | <a href="#">Q13489</a>   |
| Cytogenetics:             | 11q22.2  |
| Domains:                  | CARD, BIR, RING  |
| Protein Families:         | Druggable Genome   |



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**Protein Pathways:** Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

**MW:** 68.4 kDa

**Gene Summary:** This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq, Aug 2011]