

## Product datasheet for **RC231269L1V**

### **YAP1 (NM\_001195044) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | YAP1 (NM_001195044) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                     |
| Symbol:                   | YAP1                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms:                 | COB1; YAP; YAP2; YAP65; YKI                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_001195044                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 1464 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC231269).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001195044.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:               | 1467 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 10413                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">P46937</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 11q22.1                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Families:         | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MW:                       | 53.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |


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**Gene Summary:**

This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2013]