

## Product datasheet for **RC202735L3V**

### PAIP1 (NM\_182789) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | PAIP1 (NM_182789) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | PAIP1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_182789  |
| ORF Size:                 | 1200 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC202735).   |
| 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_182789.2</a>  |
| RefSeq Size:              | 2559 bp  |
| RefSeq ORF:               | 1203 bp  |
| Locus ID:                 | 10605  |
| UniProt ID:               | <a href="#">Q9H074</a>   |
| Cytogenetics:             | 5p12   |
| MW:                       | 45.6 kDa   |



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**Gene Summary:**

The protein encoded by this gene interacts with poly(A)-binding protein and with the cap-binding complex eIF4A. It is involved in translational initiation and protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008]