

## Product datasheet for **RC228666L4V**

### Neurabin 1 (PPP1R9A) (NM\_001166161) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Neurabin 1 (PPP1R9A) (NM_001166161) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Neurabin 1   |
| Synonyms:                 | Neurabin-I; NRB1; NRBI   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001166161   |
| ORF Size:                 | 3888 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC228666).   |
| 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_001166161.1</a> , <a href="#">NP_001159633.1</a>  |
| RefSeq ORF:               | 3891 bp  |
| Locus ID:                 | 55607  |
| UniProt ID:               | <a href="#">Q9ULJ8</a>   |
| Cytogenetics:             | 7q21.3   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 145 kDa  |



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**Gene Summary:**

This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]