

## Product datasheet for **RC205193L3V**

### **PNPLA8 (NM\_015723) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | PNPLA8 (NM_015723) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | PNPLA8   |
| Synonyms:                 | IPLA2-2; IPLA2G; iPLA2gamma; MMLA; PNPLA-gamma   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_015723  |
| ORF Size:                 | 2346 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC205193).   |
| 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_015723.2</a>  |
| RefSeq Size:              | 4859 bp  |
| RefSeq ORF:               | 2349 bp  |
| Locus ID:                 | 50640  |
| UniProt ID:               | <a href="#">Q9NP80</a>   |
| Cytogenetics:             | 7q31.1   |
| MW:                       | 88.5 kDa   |



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**Gene Summary:**

This gene encodes a member of the patatin-like phospholipase domain containing protein family. Members of this family are phospholipases which catalyze the cleavage of fatty acids from membrane phospholipids. The product of this gene is a calcium-independent phospholipase. Mutations in this gene have been associated with mitochondrial myopathy with lactic acidosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2015]