

## Product datasheet for **RC222222L3V**

### **APOA4 (NM\_000482) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | APOA4 (NM_000482) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | APOA4  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_000482  |
| ORF Size:                 | 1188 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC222222).   |
| 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_000482.3</a>  |
| RefSeq Size:              | 1460 bp  |
| RefSeq ORF:               | 1191 bp  |
| Locus ID:                 | 337  |
| UniProt ID:               | <a href="#">P06727</a>   |
| Cytogenetics:             | 11q23.3  |
| Protein Families:         | Secreted Protein   |
| MW:                       | 45.4 kDa   |



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**Gene Summary:**

Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq, Jul 2008]