

Product datasheet for **RC218761L3V**

PLD3 (NM_012268) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PLD3 (NM_012268) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PLD3 |
| Synonyms: | AD19; HU-K4; HUK4; SCA46 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_012268 |
| ORF Size: | 1470 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218761). |
| 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. More info |
| 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: | NM_012268.2 |
| RefSeq Size: | 2431 bp |
| RefSeq ORF: | 1473 bp |
| Locus ID: | 23646 |
| UniProt ID: | Q8IV08 |
| Cytogenetics: | 19q13.2 |
| Domains: | PLDc |
| Protein Families: | Transmembrane |



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MW: 54.7 kDa

Gene Summary: This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2014]