

Product datasheet for **RC222205L4V**

plasticity related gene 3 (PLPPR1) (NM_207299) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | plasticity related gene 3 (PLPPR1) (NM_207299) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | plasticity related gene 3 |
| Synonyms: | LPFR1; PRG-3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_207299 |
| ORF Size: | 975 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222205). |
| 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_207299.1 |
| RefSeq Size: | 2461 bp |
| RefSeq ORF: | 978 bp |
| Locus ID: | 54886 |
| UniProt ID: | Q8TBJ4 |
| Cytogenetics: | 9q31.1 |
| Protein Families: | Phosphatase, Transmembrane |
| MW: | 35.8 kDa |



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Gene Summary:

This gene encodes a member of the plasticity-related gene (PRG) family. Members of the PRG family mediate lipid phosphate phosphatase activity in neurons and are known to be involved in neuronal plasticity. The protein encoded by this gene does not perform its function through enzymatic phospholipid degradation. This gene is strongly expressed in brain. It shows dynamic expression regulation during brain development and neuronal excitation. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]