

Product datasheet for **RC206053L3V**

PMP2 (NM_002677) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PMP2 (NM_002677) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PMP2 |
| Synonyms: | CMT1G; FABP8; M-FABP; MP2; P2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_002677 |
| ORF Size: | 396 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC206053). |
| 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_002677.3 |
| RefSeq Size: | 3579 bp |
| RefSeq ORF: | 399 bp |
| Locus ID: | 5375 |
| UniProt ID: | P02689 |
| Cytogenetics: | 8q21.13 |
| Domains: | lipocalin |
| MW: | 14.9 kDa |



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Gene Summary:

The protein encoded by this gene localizes to myelin sheaths of the peripheral nervous system. The encoded protein can bind both the membrane layers of the sheaths and monomeric lipids, and is thought to provide stability to the sheath. A defect in this gene was shown to be a cause of dominant demyelinating CMT neuropathy. [provided by RefSeq, Jan 2017]