

Product datasheet for **RC207144L4V**

PPM1K (NM_152542) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PPM1K (NM_152542) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PPM1K |
| Synonyms: | BDP; MSUDMV; PP2Ckappa; PP2Cm; PTMP; UG0882E07 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_152542 |
| ORF Size: | 1116 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC207144). |
| 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_152542.2 , NP_689755.2 |
| RefSeq Size: | 6590 bp |
| RefSeq ORF: | 1119 bp |
| Locus ID: | 152926 |
| UniProt ID: | Q8N3J5 |
| Cytogenetics: | 4q22.1 |
| Domains: | PP2C |
| Protein Families: | Phosphatase |



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MW: 41 kDa

Gene Summary: This gene encodes a member of the PPM family of Mn²⁺/Mg²⁺-dependent protein phosphatases. The encoded protein, essential for cell survival and development, is targeted to the mitochondria where it plays a key role in regulation of the mitochondrial permeability transition pore. [provided by RefSeq, Sep 2012]