

Product datasheet for **RC230460L4V**

PREPL (NM_001171606) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PREPL (NM_001171606) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PREPL |
| Synonyms: | CMS22 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001171606 |
| ORF Size: | 2181 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230460). |
| 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_001171606.1 , NP_001165077.1 |
| RefSeq Size: | 6449 bp |
| RefSeq ORF: | 2184 bp |
| Locus ID: | 9581 |
| UniProt ID: | Q4J6C6 |
| Cytogenetics: | 2p21 |
| Protein Families: | Druggable Genome, Protease |
| MW: | 83.9 kDa |



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Gene Summary:

The protein encoded by this gene belongs to the prolyl oligopeptidase subfamily of serine peptidases. Mutations in this gene have been associated with hypotonia-cystinuria syndrome, also known as the 2p21 deletion syndrome. Several alternatively spliced transcript variants encoding either the same or different isoforms have been described for this gene.[provided by RefSeq, Jan 2010]