

## Product datasheet for **MC207460**

### **Prl2c4 (NM\_011954) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prl2c4 (NM\_011954) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prl2c4  
**Synonyms:** MRP-3; mrp/plf3; Mrpplf3; PLF-3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207460 representing NM\_011954  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTCCCTTCTCGATTCAACCATGCTCCTGGATACTGCTCCTACTACTGGTGAACAGCTCGTTATTGT  
GGAAGAATGTTGCCTCATTTCCCATGTGTGCAATGAGGAATGGTCGTTGCTTTATGTCCTTTGAAGACAC  
ATTTGAATTAGCCGGCAGTTTGTCTCATAATATCAGTATAGAAGTTTCAGAACTGTTCAATGAATTTGAA  
AAACATTATTCTAACGTGTCTGGGCTCAGAGGCCAAAAGCCCATGAGATGCAATACTTCTTCTCCAA  
CTCCAGAAAACAAGGAACAAGCCAGGCTCACACTATGCAGCTCTTCTGAAATCAGGAGCCATGATTTT  
GGATGCCTGGGAAAGCCCTCTGGACGATCTAGTGAGTGAATTATCTACCAATAAAAAATGTCCTGATATA  
ATCATCTCCAAAGCCACAGACATAAAGAAAAAGATCAACGCAGTCCGGAACGGGTTAATGCCCTCATGA  
GCACCATGCTTCAGAATGGAGATGAAGAAAAGAAGAACCTGCCTGGTTCTTGCAATCTGACAATGAAGA  
TGCTCGCATTCTTTTATATGGCATGATCAGCTGCCTAGACAATGACTTTAAGAAGGTTGATATTTAT  
CTCAACGTCCTGAAGTGTACATGTTAAAAATAAATAACTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_011954  
**Insert Size:** 675 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011954.2</a> , <a href="#">NP_036084.2</a>
<b>RefSeq Size:</b>	869 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	26421
<b>UniProt ID:</b>	<a href="#">P04768</a>
<b>Cytogenetics:</b>	13 A1
<b>Gene Summary:</b>	May have a role in embryonic development. It is likely to provide a growth stimulus to target cells in maternal and fetal tissues during the development of the embryo at mid-gestation. May play a role during wound healing and in the hair follicle cycle as a growth factor and/or an angiogenesis factor. May play a role in microvilli formation and cell proliferation of neuroblastoma cells.[UniProtKB/Swiss-Prot Function]