

## Product datasheet for **SC112828**

### PPP1R11 (NM\_021959) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PPP1R11 (NM\_021959) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PPP1R11  
**Synonyms:** CFAP255; HCG-V; HCGV; IPP3; TCTE5; TCTEX5  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_021959 edited  
ATGGCCGAGGCAGGGCTGGGCTGAGCGAGACCGTCACTGAGACAACGGTTACCGTGACA  
ACCGAGCCCGAGAACCGGAGCCTTACCATCAAACCTTCGGAAACGGAAGCCAGAGAAAAAG  
GTAGAATGGACAAGTGACTGTGGACAATGAACACATGGGCCGCGCTCATCCAAATGC  
TGCTGTATTTATGAGAAACCTCGGGCCTTTGGCGAGAGCTCCACGAAAAGTGATGAGGAG  
GAAGAAGAGGGCTGTGGTCATACACTGTGTACGTGGCCACCGCAAAGGACGGCGTCGT  
GCAACCCTAGGACCGACCCACCACCCTCCCCAGCCTCCTGACCCTTCCCAGCCCCCT  
CCAGGGCCAATGCAGCACTAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_021959 unedited  
NGGGTCGAATTTGTATACGACTCCTATAGCGGCCCGCGAATCGGCACGACGCTGGCTA  
CCACTCTGAATCCGATACCGCTTCTTCTAGACCTCAGCGACAGAAAAAGGGAAGGGTGTC  
TCATCCCCCTTCTCCTCCTCCTCCTGTCTGAGCCTTAGCCATGGCCGAGGCAGGGGCT  
GGGCTGAGCGAGACCGTCACTGAGACAACGGTTACCGTGACAACCGAGCCCGAGAACCGG  
AGCCTTACCATCAAACCTTCGGAAACGGAAGCCAGAGAAAAAGGTAGAATGGACAAGTGAC  
ACTGTGGACAATGAACACATGGGCCGCGCTCATCCAAATGCTGCTGTATTTATGAGAAA  
CCTCGGGCCTTTGGCGAGAGCTCCACGAAAAGTGATGAGGAGGAAGAAGAGGGCTGTGGT  
CATACACTGTGTACGTGGCCACCGCAAAGGACGGCGTCGTGCAACCCTAGGACCGACC  
CCCACCACCCTCCCCAGCCTCCTGACCCTTCCCAGCCCCCTCCAGGGCCAATGCAGCAC  
TAAATCCCTCTCTCCTCCAGCATTCTGTGTCTGTCTGGCCCTAAATGTATCCATGTGGC  
TACTTCTCCAGCCCCCTCCTTCCCTCTTCTGCCTGATAGAGGGAAGAGGAAGAGGAGG  
ACGAACAGAGATCCTGAAATTCTGACTTGTCTGCTATTCCAGAACCAGCCTCCTGGGTTT  
CCCCAGTCTCATTTTCTCCCAATACCCACCCTTCTCTCGAGGGATCTAGGCACCC  
TGGTCCCAGNGTCTTCTTTTGTCTCACTGCCAACTGCCCTGNCCTGGGATCTAGGTA  
TCTTTGGGCTGCACTCTCCACATGAGTAGCGAACACTTAAATTTGGGTGTTCAACAGCCC  
CAGCTT



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<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_021959 unedited  GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGATTTTGGGTTATTTATTTTGT  GCATCTGTGGCAATAAATGAGATCTCAGTGGTGGTATGGATTTGACTGATCTCTGTAAC  GTGTATGGCAAAAGGACCGGAAAATGAAAACCGGATCCCAGTAAGGGGTAGAGAGGGGCC  AAGAGAAGTGAACATCTGGGCTGCCGGAGAAAATCAAAGTCTAGGAAGTAAGAGGTAAGAG  TGTAACACAGGGGACATACCCCAATCTCTTTGCTCCCTCCCTCTCCTTCTCCTCCAG  GACCCAGGTCCTGGGACTATATTGGATCTGTCTGAAGCTGAAAAACAAAAGGCAGAG  GAGACAGTCGGCTCTAAGTGACCAATCTCAAGCCAGCTTTGTCAGAAATCCTAAATAACA  GGAGAAGGGTGGGAAGAAAGGATATGATTATTTCTTATTCATTTTCCATAAGAGGTGAG  AATGACAAGGACCTCTTTTCTAACTCCTCTTGAGGGTGTGAGAAGGGTTANCAGGAGGAG  AAGGGCTGGGAGCTCTGAGGTCTCCTGTAAGACCTCATATCTCACAGGCAAGGACTAAGA  ATTAGGATTAATATTTTAGTGGGATAGCTCTAAACCAGGATTAGCAAGCAAAGTTAGGG  CGCAAATTCCTGGAATCTGACTGGGACCCTGGCAGTGAAAGCTGGGACTGTTGAAAACCC  AATTTAAGTGTTCTGCTACTCATGTTGAGAGTGCAGGGCCAAGATACTAGATCCCAGGACA  GGCAGTTTGCCAGTGAGAACAAAGGAAGAACTGGGACCAAGGTGCTANATCCCTCAAGAG  AAGGTGGTATTGGGAGAAAATGAGACTGGGAACCCAGAGCTGGGTCTGGATACACCAAGTA  AAATTAGGATCTTGGTCGCTCTTTCCTCTCCTTTTAGCAAAAAGGAAGAGGGCTGAAAA  CCCCGG</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_021959
<b>Insert Size:</b>	1610 bp
<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_021959.1</a> , <a href="#">NP_068778.1</a>
<b>RefSeq Size:</b>	1620 bp
<b>RefSeq ORF:</b>	381 bp
<b>Locus ID:</b>	6992
<b>UniProt ID:</b>	<a href="#">O60927</a>
<b>Cytogenetics:</b>	6p22.1
<b>Protein Families:</b>	Druggable Genome

**Gene Summary:**

This gene encodes a specific inhibitor of protein phosphatase-1 (PP1) with a differential sensitivity toward the metal-independent and metal-dependent forms of PP1. The gene is located within the major histocompatibility complex class I region on chromosome 6.

[provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) encodes the longer isoform of this protein.