

## Product datasheet for **RN214826**

### **Ppp6r1 (NM\_001135849) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppp6r1 (NM_001135849) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp6r1
Synonyms:	RGD1311409; Saps1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214826 representing NM\_001135849  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTTGAAGTTTACCTGCACACAAGCTCTCACCTGGACACATTGCTGGAGAAGGAGGACCTGAGCC  
 TACCTGAGCTGCTGGATGAGGAGGATGTGCTGCAGGAGTGCAAGTTGTCAATCAGAAGCTTAGACTT  
 CCTGCTACAGCCTTCCCCTTGCAGGCCATGGTGGCTGGGTACCCAGGAGCCCTCAGCCAGTGGTGAG  
 GAGCGGTACGCTACAAGTACCCTAGTGTAGCCTGTGAAATCCTGACCTCTGATGTGCCTCAGATCAATG  
 ATGCCCTGGGTGCAGATGAGTCCCTCCTGAACCGACTCTATGGCTTCTGCAGAGTGGTGACAGCCTCAA  
 CCCGCTGCTTGTAGCTTTTTCAGCAAAGTCATGGGCATTCTCATCAATCGAAGACAGACCAGCTTGTG  
 TCCTTCTGCGCAAGAAAGATGACTTTGTGGATCTGTTGCTGCGTCACATTGGTACCTCAGCCATCATGG  
 ATCTCCTATTGCGTCTGCTTACTTGTGTGGAGCGGCTCAGCTTCGGCAGGATGTCTTCAATTGGCTCAA  
 TGAAGAGAAGATTGTCCAGCGGCTAATTGAGCAGATTCACCCATCAAAGGATGACAATCAACATTCCAAT  
 GCATCTCAGTCCCTGTGTGACATCATCCGCCTAAGCCGGGAGCAGATGATCCAAGGCCAGGACAGCTCGG  
 AGCCAGACCAGCTGTTGGCCACCTTGGAGAAGCAGGAGACCATCGAGCAGCTCCTCAGTAACATGTTTGA  
 GGGAGAACAGTGCCAGTCTGTCAATTGTCAGTGGGATCCAGGTGCTGCTCACCCCTCCTGGAACCTAGGAGG  
 CCAAGGCTGACTCTGTGACCATGAACAACCTTCTTAGCAGTGTGGATGGGCAGTTGGAGCTCCTGGCTC  
 AGGGAGCCCTGGATAATGCACTCTCTAGTATGGGTGCCTTGCATGCCCTGCGTCCCCGGCTTGACCGCTT  
 CCATCAGCTCCTGCTTGAACCTCCCAAGCTGGAGCCTCTGCAGATGACGTGGGGCAGCCTGGCCCCACCA  
 CTGGGTAAACACGAGGTTACATGTGGTCAAGCTCTTGGCCAGTGCCTGAGTACCAATGCTGCTGCCTGA  
 CAGGAGCTTCTGGTGTGGATGTACCAACACCTTACTGGACCTTCTTCCACTATGTATTCAACAA  
 TTTCTGCAATGCTCAAGTGGAGGTGTGTGTGAGTGAATGCTGAGTTCGGGGCCCCCTCCAGACAGCAGC  
 CCTGAGACACCTGTCCCGAACCTATCGTGAACATCTCCTTCAAGCAGTCCCGCTGGTGGAGCGCATTC  
 TGGCGTCTGGGAGGAGAATGACCGTGTGAGTCTGGAGGGGGCCCAAGAAAAGGCTACATGGGCCACCT  
 GACTCGGGTGGCCAATGCCGTGGTGCAGAAATGCAGAACAGGGGCCAATGCTGAACAACCTGGGACAACCTG  
 CTAAGGAGCTGCCAGAGGAGCAGCAACAGCGATGGGAAGCATTGTGTGAGGACCCCTGGCTGAGACCA  
 ACAAGAAGAACACAGTGGATCTGGTAAACTCACCATCTACATTCTCCAGTGTGATGAGGATGACCG  
 CCTCAAGGAGTCAACTCCCTGAGGAGGCTGTATTGCAGCAGGCTTCATGGACTTCCAGATGCAACGC  
 ATGACCTCAGCCTCATTGACCACTTTGGCTTTAATGATGAGGAGTTTGGGGAACAGGAAGAAAGTGTGA  
 ATGCACCAATTTGACAAGACTGCCAACATTACCTTCTCCCTAAATGCTGATGATGAGAATCCCAATGCCAA  
 CCTGCTTGAGATATGCTACAAGGACCGGATCCAGCAGTTTGTGATGAGGAAGAAGATGAGGAGGAGGGC  
 CATGGCTCAGCAGAGTCAGATGGAGAGTATGGTGCCTGGCAGGGCAGCCAGCCAGTGGAGCATCCCAGG  
 CAAGCCAGCCCCCTGGTGTGCGGAGTGGAGGAAGCACAGACAGCGAGGAGGAGGAAGAAGAGGAGGAAGA  
 AGAGGATGAGGATGAGGGGGCTGACCAGGCAGCATGTGGAAGAACCAGCCCTTCTCCTTCCCCAGCCCT  
 GGCCCTCAGCCTTCTGGCCCAAGTTGGACTGTACCTTTGACCCAGTGCCTATGGATGCCCAACAGGCC  
 CCCCAGTTTCAAAGGAGGCAGACATATCCTCTATCCAGATCCTATCCAGCCCTCCAGCCCAGGATTTCCC  
 ACAGCTCAGGTGCGCAGGACCCACACACCCCTCAGCACCTCAGGAAGTCAAGATAGCAGCAAAGTAGCA  
 GAGCCCTTGGCCCTGCCAGGCTTGGTTAGTGTGAGATGTCCAGGCCACTCTGCATGGGATGCGCT  
 CTGCCCCAGCTACTTGGACAGTGAACACAGACCCCTTACCTCTGTCCCAGACTTCAAGGCCACCA  
 ATCCCCTCAGACAATGGAGGGGAAAAAGAGCCAGAACATTTGGGGCTTCCCCAAAACAGAGTGCCAG  
 GCCCTTGAGATGCCCAATGGTTTACCCAGGAGGGCCATTACATCGGGTTCTCAG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001135849  
**Insert Size:** 2580 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>	<u><a href="#">NM_001135849.1</a></u> , <u><a href="#">NP_001129321.1</a></u>
<b>RefSeq Size:</b>	4345 bp
<b>RefSeq ORF:</b>	2580 bp
<b>Locus ID:</b>	361502
<b>Cytogenetics:</b>	1q12