

Product datasheet for **RN205036**

Ppp6r2 (NM_001106789) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp6r2 (NM_001106789) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp6r2
Synonyms:	RGD1563990; Saps2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205036 representing NM_001106789
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCTGAAAATTTGACTTGAATACCAGTCCCACGTTGACAAGCTCCTCGACAAGGAACATGTGACAC
 TGCAGGAATTAATGGATGAAGATGACATCTTGCAAGAGTGAAGGCTCAGAACCAGAAGCTGCTGGACTT
 CCTGTGCAGGCAGCAGTGTATGGAGGAGCTGGTGAACCTCATCACACAAGACCCACCCAGGACATGGAA
 GAGAAGGTCGATTCAAATATCCAAACACAGCCTGTGAGCTTCTGACTTGTGATGTGCCGAGATCAGCG
 ACAGACTAGGCGAGGACGAGAGTCTGCTGAACCTTCTGTATGACTTCTTGACCAGGAGCCACCACTCAA
 CCCTCTGCTTGCCAGTTTTTTTAGCAAGACCATTGGCAATCTCATTGCAAGGAAAACCGAACAGGTGATC
 ATGTTCTTGAAGAAGAAGGACAAGTTCATCAGTCTGATACTGAAGCACATAGGCACCTCAGCTCTCATGG
 ACCTGCTGCTACGCTGGTCAGTGCCTGGAACCAAGTGTCTCCGGCAGGAGTCTACATTGGCTTAA
 TGAAGAGAAAGTCATCCAGAGACTTGTGGAATTGATCCATCCCCACCAGGATGAAGATAGGCAGTCAAAT
 GCTTCTCAGGCACTCTGTGACATCATCAGGCTGGGCAGAGACCAGGGCAGTCACTGCAGGAGACTGTGG
 AGCCGGATCCCCTCCTCACAGCACTGGAGTGCAGGACTGTGTGGAACAGCTTCTGAAGAACATGTTTGA
 TGGGGATCGGACGGAGAGCTGCCTGGTCACTGGGATGCAGGTGCTGCTTGCCTGCTGGAGCCAAGGCGT
 GTTGAACAGAAGGCTTGGTGGACTCCTTTTCTCAGGACTGGAAGGTCACTCTGTCAGCAGCAGCA
 TCCTGCACGGCATTGAGCCATGGCTGAAGAATTCATCAGCTCCTGCTCAACCCACCAAGAAGAAAGC
 AATCCTGACCACTATTGGCGTCTAGAGGAGCCCTGGGAATGCTCGTCTTCAATGGTGCACGCCTCATG
 GCTGCAGTCTGCACACAATACGCCAGCATCAACCAGGAGCTCTGCCGGCTCAACACCATTGGACTTAC
 TGCTGGACCTGTTTTTAAAGTACACCTGGAATACTTCTACACTTGAAGTGGAGCTGTGCATCGCCG
 TATTCTCTCCACGCTGGTCCGGAGGAGCAGGAGCAAGCTGGCAGATCAGATGGCAAAGTGGAACTGTG
 CAGGGGAGTGGAGATGGGGTGGGAAGCCGGAGACCACCCCGTCCATCACCAGCCCTCCTGAGAACAAA
 TGGTGACCATCTGTTCCAGAAGTGTGCTGCTGGTTCAGAGGATCCTGGAAGCCTGGGAAGCCAATGACAA
 CACACAGGCGGCAGGTGGCATGAGAGCTGGGAATATGGGCCACCTCACAAGGATCGCCAACGCACTGTGA
 CAGAACCTGGAGCAGGGCCCGTGCAGACACATCAGTGAAGTCATCCGAGGGCTCCCTGCAGAGTGGC
 GTGGACGCTGGGAGAGCTTTGTGAAGAGACACTGATGGAGACCAACCGCAGGAACACTGTGGACCTGGC
 CTTCTCTGAGTACCAGATCCAGCAGATGACAGCAAACCTTTGTGGATCAGTTTGGCTTCAATGATGAGGAG
 TTTGCAGACCAGGATGACAACATCAATGCCCATTTGACCGGATTGCAGAGATCAACTTCAACATTTGAAG
 CCGATGAGGACAGTCCCAGTGCAGCTCTGTTTGAAGCTTGTGCAAGTGCAGTGCAGGATCCAGCCCTTCGATGA
 TGACGAGGAGGACATTTGGGAGGATGAGGAGACTCGATGCACGGCCCGGGTGTGGCCAGAGCCAGGTTT
 GGAGCCCTCACACCTCAGAAACTACTCAAAGAAGGCGTGGGACATGGAGGCCAGGGCAGGAAGACTG
 GCTCCCCACAGCTAGGAATGTGCTGGACTGGCCACGCCTTCACTCCCTACACAGAAAGAAGGTCTCTCG
 CTCAGAAAGTGATTGAGCAGGACTACATGGACAGCAGTTTTTGTGATGAGCCAGTGAACCCGCTGTCTGCA
 GCCTCAGGAGTGCAGGGATGTGGTTCTAGTGCATGGGCGGCTGGTCTTCACTTGCAGAGGAGAAAG
 GCTGGGCCAAATTCACCGACTTCCAGCCTTTCTGCTGCTGAGACAGGGCCCGGTGCAGCTCTCCTGT
 GGACATGGACCACAGCAATGCCGAGGTTGGCCAGAGTCCAGGCCAGAGAAAGCCTTTGGTCTACCTCG
 CTTGTGCTGGAACGTGTGTCACTAGGAAGGCCCACTGGTGCCTTGCAGCAGCTCCTCTGGGG
 GATCTGACAGTGAAGATGACGAGAAGGCAGCGGTGCTGTGGAAGCTCTGTGCGCAGGCCATACTGGAAA
 GGCTCCCGCCACCCAGGACAGCAGAGGCTGCTGCTGGCAGGGCCGAGTGTCTGACAGCACCGTGTTA
 GCCCTGCCTGCCTGCTCCTTCAAGAGTACCATCAGTCTGCGTGGCTACCATAGCACCAAGCAAGG
 CAGGCTCTCCACAGCCACCATAGTGGTCTTCTCCTCAGTGGCTACTGCGGTACCCACAGGACCAATCAT
 GGCAGTAACCACAACAGCTCCAGCCATAGTTGCAACCCTGGGACAATGACAAAGGACAGGAAGACAGAT
 GCCCTGCCAGATGGAGCTGCCTAAATGGCCCTGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001106789
Insert Size:	2769 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_001106789.1</u> , <u>NP_001100259.1</u>
RefSeq Size:	3611 bp
RefSeq ORF:	2769 bp
Locus ID:	300146
Cytogenetics:	7q34