

Product datasheet for **RN216209**

Plpp4 (NM_001191631) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plpp4 (NM_001191631) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plpp4
Synonyms:	Ppapdc1a; RGD1306289
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216209 representing NM_001191631 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGAGCTGGCCATTGAGATCGGGGTGCGAGCCCTGCTCTTCGGGTCTTCGTTTTACAGAGTTTT
 TGGATCCATTCCAGAGAGTCATCCAGCCGAAGAGATCTGGCTCTATAAAATCCTTTGGTGCAGTCAGA
 CAACATACCTACCCGCTCATGTTTGAATTCCTTCTCACACCCTGGCTGTTATTTGTGTGGTGAAA
 ATTATCCGGCGGACAGACAAGACTGAAATTAAGGAAGCCTTCTTAGCAGTGTCTTGGCTCTTGCTTTGA
 ATGGAGTCTGCACAAACACTATTAATGATAGTGGGAAGACCTCGCCCCGATTTCTTTACCGCTGCTT
 TCCAGATGGGGTATGAATTCAGAGATGCACTGCACAGGTGACCTGACCTGGTGTGCGGAGGCCGCAAA
 AGCTTCCCCAGTATCCATTCTCTCTTTCGCTTCTCGGGCCTCGGTTTCACAACATTCTACCTGGCTGGCA
 AGTTGCACTGCTTCACGGAGAGTGGGCGGGGAAGAGCTGGCGGCTCTGTGCAGCCATATTGCCCTTGTA
 CTGTGCCATGATGATCGCCCTGTCCGCATGTGTGACTACAAGCATCACTGGCAAGATTCTTTGTTGGA
 GGAGTGATTGGCCTCATTTTGCCTATATTGCTACAGACAGCATTACCCTCCTTGCCCAACACAGCAT
 GCCACAAACCGTATGTCAGCCTCCGAGTGCCACCTCACTGAAGAAGGAGAGAGGCCTACAGCCGACAG
 TGCACCCAGCTTGCCCTGGAGGGGATCACCGAGGGCCCCGT**ATGA**

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001191631
Insert Size:	816 bp


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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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_001191631.1, NP_001178560.1</u>
RefSeq Size:	1242 bp
RefSeq ORF:	816 bp
Locus ID:	309014
Cytogenetics:	1q41