

Product datasheet for **RN205708**

Plpp7 (NM_001012349) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpp7 (NM_001012349) Rat Untagged Clone
Tag: Tag Free
Symbol: Plpp7
Synonyms: Ppapdc3; RGD1305821
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN205708 representing NM_001012349
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGTTTCCCAGAGCCGGGCCCGTCCAGGGATCGCAACAATGTCCTCAACCGAGCTGAGTTCCTGT
 CCCTGAACCAGCCCCCAAGGGGACCCAGGAGCCAGAAGCTCAGGTAGGAAGGCCTCGGGGCCCTCAAC
 ACAGCCCCACCCTCCAGCGACGGGGCCGGGAGCGTCGCCAGTCACAGCAGCTGCCGAGGAGGACTGC
 ATGCAGCTGAACCCTCATTCAAGGGCATCGCCTCAACTCCCTGCTGGCTATTGACATCTGCATGTCCA
 AGCGACTGGGGTATGTGCGGGCCGGGTCGATCCTGGGCCAGTGCCCGCTCCATGGTCAAGCTCATTGG
 CATTACGAGCCATGGCATTTCCTTGGATCGGGGGCACCATCCTCTGCTGGTGAAGCAGCACCCCTGGCC
 GGCCAAGAGGTGCTCATGAACCTGCTGCTAGCCCTGCTCTTGGACATCATGACAGTGGCTGGAGTACAGA
 AGCTCATCAAGCGCCGCGGCCGTATGAGACTAGCCCTGGGCTCCTGGACTACCTCACCATGGACATCTA
 CGCCTTTCCTGCTGGCCACGCCAGCCGTGCCCATGGTGTCCAAGTTCCTGAGCCACTTGGTGCTG
 GCGGTGCCGCTACGAGTGTGCTGGTCTGCGCCTTCTGCGTGGGTTTGTCTCGGGTGATGATCGGAC
 GCCACCATTACAGACGTCATCTCTGGCTTTCATCATCGGCTACTCCAGTTCGCCCTGGTGGAGCTCGT
 GTGGATGTCCTCAACACCTGCCAGATGCTCATCTCTGCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012349
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).
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_001012349.2</u> , <u>NP_001012349.1</u>
RefSeq Size:	1982 bp
RefSeq ORF:	816 bp
Locus ID:	296635
UniProt ID:	<u>Q5FVJ3</u>
Cytogenetics:	3p12
Gene Summary:	Plays a role as negative regulator of myoblast differentiation, in part through effects on MTOR signaling. Has no detectable enzymatic activity (By similarity).[UniProtKB/Swiss-Prot Function]