

## Product datasheet for RN206950

### Pla2g7 (NM\_001009353) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pla2g7 (NM\_001009353) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pla2g7  
**Synonyms:** MGC95107  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206950 representing NM\_001009353  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCCGCTCAAACCTGCGCGTGCTTTTCTGCCTCCTCTGCTGCCTCCCACGGGTACATCCTTTGTACT  
 GGCAAGACCCTTCTTTTTTCGACTTCAGGCCATCAGTAATGTTTCATAAGCTCCAATCGGTGATGTCTGC  
 TGTCAGCGCTGGCCGTTGTAATAATCCCCAAAGGAAATGGATCTTACCCTGTCGGGTGTACAGACATGATG  
 TTCGGTTATGGGAATGAGAGCATCTTCTTGCCTTTGTACTACCCAGCTCAAGATCAAGGTCTCATGACA  
 CTGTTTGGGTCCCAAACATAGAATATTTTTGGGGTCTTAGTAAATTTCTCGGAACACCTACTTTTGTAGG  
 CAACATTTTGCCTCTTATATGGTTCTCTGACAGCTCCTGCAAGCTGGAATTTTCTTTGCGGACTGGA  
 GAAAAATACCCACTAATTATCTTTTCTCACGGTCTCGGAGCCTTCAGGACAATTTATTCTGCTATTGGCG  
 CTGCTTTGGCATCCTATGGGTTTATAGTGGCCACTGTGGAACATAGAGACGGATCTGCATCCGCAACTTA  
 CTATTTGAAGACCAGGCAGCTGCGAAAATGAAAAACAGGTCTTGGTTTTACCTGAAAAAGATAAAAAAA  
 GAGGAGTCGAAAAGAGCTCGAAAAGAGCAGTTTCGGCAGAGAGCAAAAAGAAATGTTCCAAGGCTCTCAGTG  
 CAATTTGACATTGAACATGGAACCCAAAAGAGAATGTACTAGTTTTACCTTTTGTATGAAACAGCT  
 GAAGGATTCTATCGATGAGACTAAAATAGCTGTGATGGGGCATTCTTTTGGAGGAGCAACAGTTTTTCAA  
 GCCCTAAGTGAAGACCAGAGATTAGATGTGGGATTGCCCTTGATCCGTGGATGTTTCCCGTGAGTGAGG  
 AGCTGACTCCAGAGTTCTCAGCCTCTCTTTTATCAACTCTGCCAATTCCAGACTCCAAAGGACAT  
 TGCAAAAATGAAAACTTCTACCAGCCTGACAAGGAAAGGAAAATGATTACGATCAAGGGCTCAGTGCAC  
 CAGAAATTTGCTGACGGGACTTTTGAACCTGGCAAATAATTGAAACAAGCTGCTACTGAAAGGAGACA  
 TAGACTCCAGAGTTGCCATAGACCTCACAACAAGGCTTCTTGGCTTTCTTACAAAAACATTTAGGACT  
 TCATAAAGACTTTGATCAGTGGGACTGTCTGGTGGAGGGAGAGAACGAGAACCTCATCCCGGGTCAACC  
 TTTGATGTAGTACCCAGTCCCGGCTCTGCAGAGTTCTCCCGGATCACACAACCAGAAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001009353
<b>Insert Size:</b>	1323 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_001009353.1</a>, <a href="#">NP_001009353.1</a></u>
<b>RefSeq Size:</b>	1797 bp
<b>RefSeq ORF:</b>	1323 bp
<b>Locus ID:</b>	301265
<b>Cytogenetics:</b>	9q13