

Product datasheet for **RN206825**

Pla2g6 (NM_001005560) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2g6 (NM_001005560) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pla2g6
Synonyms:	iPla2; PNPLA9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN206825 representing NM_001005560
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTTCTTTGGACGCCTCGTTAACACCCTCAGTAGTGTACCAACTTGTCTCAAACCCATTCCGGG
 TAAAGGAGGTGTCTTGGCTGACTATGCCTCAAGTGAACGTGTTTCGAGAGGAAGGCAGCTGATCCTGTT
 GCAGAATGCTTCCAATCGTACCTGGGACTGTGTCTGGTCAGCCCTAGGAACCCACAGAGTGGCTTCCGA
 CTCTTCCAACCTGGAGTCAGAGGCAGACGCCCTGGTGAACCTCCAGCAGTATTCTCCAGCTGCCACCGT
 TCTATGAGAGCTCTGTGCAGGTCTGCATGTGGAGGTGCTGCAGCACCTGACGGACCTCATTTCGAAACCA
 CCCCAGCTGGACAGTACGCACCTGGCCGTGGAACCTGGCATTTCGGGAGTGTTCATCACAGCCGCATC
 ATCAGTGCGCCAACAGCACAGAGAATGAGGAGGGCTGTACCCACTACATCTGGCCTGCCGAAGGGTG
 ACAGTGAGATTCTGGTGGAGTTGGTACAGTACTGCCACGCCAGATGGATGCTACTGACAACAAAGGAGA
 GACCGCCTTCCATTATGTGTGCAAGGGGACAATCCCCAGGTGCTACAGCTCCTAGGAAAGAAATGCCTCA
 GCCGGCCTGAACCAAGGTGAACAACCAAGGGCTGACGCCGCTGCACCTGGCCTGCCAGATGGGGAAGCAGG
 AGATGGTGCCTGTCTGTCTGCAATGCCCGCTGCAACATCATGGGGCCCGGTGGCTTCCCCATCCA
 CACAGCCATGAAGTTTTCCAGAAGGGGTGTGCTGAAATGATTATCAGCATGGACAGTAACCAGATCCAC
 AGCAAGGATCCTCGTATGGAGCCAGCCCGCTCCACTGGGCAAGAACGCTGAGATGGCCCGAATGCTTC
 TGAAGAGGGGCTGTGACGTGGACAGCACAAGTGCCTCGGGGAACACAGCCCTGCACGTGGCGGTGACCGG
 CAACCGCTTTGACTGTGTATGGTGTGCTGACCTATGGGGCAACGCAGGTGCCGAGGAGAGCATGGG
 AACACACCACTGCATCTGGCCATGTGAAAGATAACATGGAGATGGTCAAAGCCCTCATTGATTTGGGG
 CAGAAGTAGACACCCCGAATGACTTTGGGGAGACTCCTGCATTCATAGCTTCCAAGATCAGCAAGCTGAT
 TACCAGGAAGGCCCTCTTGACTCTGCTGAAAACGGTGGGGCCGACTACCACTTCCATTACACAAGGG
 GTCTCCACGGAGCAGAGCTCTGCAGCTGGACCTCACCCCTTCTTCTCCCTGGACAGAACTCAGCCTCCAA
 CGATCAGCTTAAACAACCTAGAGCTTCAAGACCTCATGCCCGTCTCCCGAGCCCGAAGCCAGCGTTCAT
 CCTGAGCTCCATGAGGGATGAGAAGCGAAGCCATGACCACCTGCTCTGCTTGGATGGAGGGGGCGTGAAG
 GGCCTGGTCATCATCCAGCTTCTCATTGCCATTGAGAAGGCCCTCAGGTGTGGCTACCAAGGACCTCTTCG
 ACTGGGTGGCAGGAACCAGCACAGGCGGCATCCTGGCCCTGGCCATTCTACACAGTAAATCCATGGCCTA
 TATGCGTGGCGTGTACTCCGTATGAAGGATGAGGTGTTTCGGGGCTCACGGCCCTATGAGTCTGGGCC
 CTGGAGGAGTTCTGAAGCGTGAGTTTGGGGAGCACCAAGATGACAGATGCAAGAAACCAAGGTGA
 TGCTGACAGGGACTGTGACACCGGCAGCCAGCAGAGCTCCACCTCTTCCGGAATTACGACGCCCCAGA
 GGCCGTTTCGGGAACCTCGCTGTACCCCAAACATTAACCTGAAGCCGCCACCCAGCCTGCAGACCAGTTA
 GTATGGCGGGCAGCCCGGAGCAGTGGGGCAGCCCAACCTATTTCCGGCCCAATGGACGCTTCTTGGATG
 GTGGGCTGCTGGCCAACAACCCACACTGGATGCCATGACTGAAATCCATGAGTACAATCAGGATATGAT
 CCGCAAGGGCCAGGGCAACAAGTGAAGAACTCTCCATAGTCGTGTCTCTGGGGACAGGAAAGTCCCT
 CAAGTGCCTGTAACTGTGTAGATGTCTTTCGTCAGCAACCTTGGGAACTGGCCAAGACTGTTTTTG
 GAGCCAAGGAACTGGGCAAGATGGTGGTGGACTGTTGCACAGATCCAGATGGGCGGGCTGTGGATCGTGC
 CCGGGCTGGTGTGAGATGGTCGGTATCCAGTACTCAGGCTGAACCCCAAGTGGCTCAGACATCATG
 CTGGACGAGGTGAGTGCAGTGTGGTCAACGCCCTCTGGGAGACCGAGGTCTACATCTATGAGCACC
 GGGAGGAGTTCAGAAGCTTGTCCAGCTGCTGCTATCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001005560
Insert Size: 2424 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_001005560.1</u> , <u>NP_001005560.1</u>
RefSeq Size:	3100 bp
RefSeq ORF:	2424 bp
Locus ID:	360426
UniProt ID:	<u>P97570</u>
Cytogenetics:	7q34
Gene Summary:	has Ca ²⁺ independent phospholipase A2 activity; may play a role in regulating transmembrane ionic fluxes in pancreatic beta cells [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).