

Product datasheet for **RN208014**

Pla2g4b (NM_001107764) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2g4b (NM_001107764) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pla2g4b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208014 representing NM_001107764
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGCAAACCTGCCCGTCTACATGCAAGGCAAGGTGCCAGAGACACACCTGCTCACTGTCCGCG
 TCCTCCAGGCTAGTGGCCTGCCTTCCAAGGACCTAGTGACATCCTCTGACTGCTATGTGACTCTGAACCT
 GCCCACGGCCTCCAGCGGCACGCTCCAGACACGCACAGTCAAGAACAGCAGAAACCCAGTCTGGAATCAG
 AACTTCCACTTCCGGATCCATAGGCAGCTCAAGAATGTTATGAACTGAAAGTCTTTGACCAGGACCTGA
 TGACAAAGATGACCCAGTGTGTGAGTGTGTTGACGTGGGGACTCTGCAAGTTGGGACTCAGCGCCA
 GAGCTTCTCATTGAGCGCTCAGGAGGATGGGCGCTTGGAAAGTTGAGTTTCGGCTACAGACTCTGACAGAC
 TGTGAGGAACAGCTTATCAGCAATGGTATCCTGGTGGCCAGGAGCTCTCCTGCTGCATGTTGAACTGA
 AGAGGACAGGAGACCCAAAGAGGTGAGAGCGCAAAGTTCAACTTGTGGTTGCTGCGGCTCGGAGGTCC
 ACAGGAAGCCCCGTGGGCACCGGGTCTTCCGCTTCCATTATCCAGCCTGCTGGGAGCAAGAGCTCAGT
 GTTCATCTGCAGGATGACCCCCATGAGCAGCTGAAGGTGCCATTGCGAATCTACCTCTTCGCAGCTGG
 TGAGACTTGTCTTCCCCACGTCCAGGAGCCACTGATGAGGTTGAACTCAAGAAAGAAGACGGGCCAAA
 GGAGCTGGCCGTGCGGCTGGGCTGTGGGCCCTGCCCGAGGAACAGGCCTTCTAAGCAAGAGGAAGCAG
 GTGGTGGCCGCGCCCTGAAAAAGGCCTTACAGCTGGACCAAGACCTGCAGGAGGACGAGATCCCAGTGA
 TTGCTGTGATGGCCACTGGTGGTGGGATCCGGGCGATGACTTCGTTATACGGACAGCTGGCTGGCCTGAA
 GGAGCTTGGCCTTCTGGACTGCATCTCTACATCACTGGGGCTTCCAGGTCACATGGGCATTGGCCAAT
 CTCTATGAGGACCCAGAGTGGTCTCAGAAGGACCTAGCAGGGCCCACTGAGATGCTGAAGACCCAGGTAA
 CAAAGAGCAAACCTGGGCGCATTGGCCCCAGCCAGCTTTGGCGGTACCGGCAAGAGCTGGCTGAGCGTGC
 TCGCCTGGGCTACCCAACCTGTTCAACCACTGTGGGCCCTTATTAATGAGGCCTTGTGCACGACAAG
 CCACATGAACACAACTCTCAGATCAACGAGAGGCCCTGAGTCGAGGCCAGAACCCTCTGCCTATCTACT
 GTGCCCTTAATAGCAAGGAGAAGGGCCTAAGCACCTTTGAATTTGGCGAATGGTGCAGTCTCTCCCTA
 CGAAGTCGGCTTCCCAAGTACGGAGCCTTCACTCCCTCTGAGCTCTTTGGTTCTGAGTTTTTCATGGGG
 CGGCTGGTGAAGCAGCTCCCTGAGTCTCGCATTGCTTCTGGAAGGTATCTGGAGCAATCTGTTTGCAG
 CCAGCCTCCAAGACAGCTTCTACTGGTCTCTGAACCCAGCCAGTCTGGGACCCTGGGCCAGGATCA
 GGCCAATCTGGACAAAGAGCAGGTCTCCATCTGAAGATAGCAGAACCTCCACAGCGGCTGGCAAGATC
 GCAGAGCTTCTACTGACCTCTGACAAAGCGCCCCCTCGCCAGGCCACCCACAACCTTCTGCGCGGTC
 TCCATTTCCACAAGGACTATTTCCACCACCTCACTTCTCCACCTGGAAAGCTTCCAAACTAGACAAGTT
 CCCCACCCAGCTGACACCCGCGGAGCCCCACCTCTGCCTCCTGGATGTTGGCTATTTTCATCAACTAGT
 TGCCCCACCCCTCCTTACGCCAACACGGGATGTGGACCTCATCTTGTCACTGGACTACAACCTCTCCGGAG
 CCTTTCAGCAGCTGCAGCTTGTGAGCCGGTCTGCCAGGAGCAGGGCATTCTTTCCCATCCATCTCGCC
 CAGCCCTGAGGAGCAGCGTCAGCCTCAGGAGTGCCATATGTTCTGTGACCAGCCAGCCGGAAGCCCCA
 GCTGTGTTGCACTTCCCCTGGTCAATGACTCCTTCAAGGACCACTCAGCCCTGGGGTGCCACGGACGT
 CGGAGGAGAAGACAGCTGGGAGGTGAATCTGTCTTCTCCAACCTCCCATATGACTACAAAAAGTGAC
 CTACAGCCAGGAAGATGTGGACAAGCTGTTACGACTGACGATTACAACATCTGCAACAACCCAGGATCGG
 CTGCGGGAGGCCATGCACCAGGCCGTGCAGCGGGGAGAAACCGCAGACAGTTTAGCGGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107764
Insert Size: 2376 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_001107764.2</u> , <u>NP_001101234.2</u>
RefSeq Size:	2812 bp
RefSeq ORF:	2376 bp
Locus ID:	311341
Cytogenetics:	3q35