

Product datasheet for **RN214472**

Pla2g3 (NM_001106015) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2g3 (NM_001106015) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pla2g3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214472 representing NM_001106015
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTCTGGGGATACTTCTGGGGTCTGGCTTTCCTGGGGTGTTCAGAAGGCTCCCATACCC
 TCCATTGGGACAGTACCTCCTGCCATTTGGTCCGGTCCATCTCTGGTAGCCCTCTGGGCTCCTGAGCTT
 CTGGGGGAAGATGCCCAAGGCCTGGCATTATTCCAGGCCTCTGGGATGCGCACACAGGCTGCAGGTT
 TGTATCAGGCAGGATGAATCCGAGCTCATCGAGCCTTCAGGGCTCTCTGTGCTCATGAGCCCTGCGGC
 ACGCCTTCATCCACACCCTGGACCAGAGCTGCAGAGAGCACTGGCCACTCTGCAGAGCCAGTGGGAGGC
 CTGCCGAAGTCTGAGGCTAGTCCACGGGAGCCAGGGAGAAGCGAGAAACAGAGCACCGCGGAGCACCT
 GCCGGAGAGCACCAACGAAGGAGAAGAGGCTGGACCATTCTGGCAGCTGTGGTGGGTTGGGAACT
 CTGCTGAGAATGCCTCAGAACTGGGTATGTTCCACGGCCCTGATTTCTGCTGCCGGGAGCAGCACCAGTG
 CCCACAAACCATCTCACCTTGCAGTATAATTACGGCATCCGAAACTTCGGATTCCACACCATCTCTCAC
 TGGACTGTGATGCCAGGTTTCAACAGTGCCTGAGGAGCCAGGGTACTCCATCGCGGACATCATGGGCG
 TGGCTTCTTCAACGTGCTGGAGATCCCTGCTTGTGCTGAAGGAGCAGGAGACCTGTGTGGCTTGGCA
 CTGGTGGGGCGGGTGCAGGACATATGGCTCCTTACCCCTTGTCTACCTGCAGCCAGGACTTACTACAAC
 GCCTCCTGGAAGGCTGAAGCCACCCCACTTACTCCAGCCCCAAAGCCAGCACCCAGCTGGAAGAGGG
 GCCACAGCAGACACCAGCCAGACACCACAGCACAAACCACCGTCACTCCCTCCAGACCCCTGCCATCTC
 CTCCAGACCTGATATGATGATCCCGAGAGGCCAGCCAGGAGTCTCCATCCCGGCTCCAGGATGGCCCA
 AAACGTCAAGGTGCCACCGTGTCTGTCGAAGCCTTCGCCACCTGGATCAGTGGCAGCACCAGATCAAGC
 CCCAGAAACCAAGTCCACCTGCTCAACAGCGCCAGACGCCCTTTTCCATTGCAATTGCACCCGCCG
 TCTGGCAGGTTTCTGAGGCACACAGCCTGCCTGCAAACACCAACAAGGTTTGGGAGCTCCTGGGTACT
 ACCTGTTCAAGCTGGCCCCAACAACCTCACTGCTGAGGGCAAAGGCTGTTCCAGAGACCATAGGGCCA
 TCAAGGTGTGAGCTCGGCATTTGCAGAGGCTTCATCAGAAATGGACTCCATTTCTGGGATAAAGGCACCGG
 GGAGGTTCTGGCAGACCTTTGGAGCCCCGGGGACCCTCATGTCATTCTACAGCCAATGTCTGCAACTA
 ACCCAGGCAATCTGGAGACCCGGGGGACAGAAGAAATTCTGGAGCTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106015

Insert Size: 1521 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:

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: [NM_001106015.1](#), [NP_001099485.1](#)

RefSeq Size: 2526 bp

RefSeq ORF: 1521 bp

Locus ID: 289733

Cytogenetics: 14q21