

Product datasheet for **RN204333**

Pla2g4c (NM_001145982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2g4c (NM_001145982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pla2g4c
Synonyms:	Pla2g4cl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204333 representing NM_001145982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCTCTGGGTTTACTTTGCCACTGGACTCCAGGAAGAAGAAAGGCGTGCTGTGCACAAACGCAGTT
 TCAAGGTGTTGGAGGGTCTAAAAAGCTGAACATCCAAGCAGACCAGGCTCCAGTCAATTGCTGTCCCTGGG
 CTCTGGTGGGGGCTTCGAGCCCATATCGCTTGTCTTGGGGTGCTGAGTGCTATGAAAGAACTTGGCCTG
 TTGGATGCTGTCACATACCTCGCAGGGGTTTCTGGATCCACTTGGGCACTGTCTTCATTCTATACCAAGA
 ATGGAAATATGCAAGGGATAGAAGAGGAGCTGAAACATCGGTATGAGAAGAATGAGTGGCACTTTGATGA
 GAGCCTGGACAAAGCCATCCAGGCATCAAGGAGGGAGAATTATCCCTGACTGACTTTTGGGCCTATTTG
 GTTGTTCAGGGCAAACAGAGAGCTTCATGATCAAATTTGTCCAGCTTCAAGAAGCAAGTGAAGAAG
 GAGTGTGCCCTATCCCATCTTTCAGCCATTGATGATGACCTTCAGGATGATTGGAGGGAGAAAAAGT
 TCAAAATTCCTGGTTTGAATTCCTCCTCATCATGCTGGATATCCTGCCTTAGGGCTTATGTCCCAATC
 ACAGAGTTTGAAGCAGATTTGAAAATGGAAAAGTGGTTAGACCTGAGCCTGAGAGAGACCTGACTTTCC
 TGAGAGGTTTATGGGGAAGTGCCCTTGCTGATATTAAGAAGATAAGGCATTTATTAGGGACTATTTCAA
 GGACATGTATGAAAACTGAAGTCTTAACAGGGGCTAAAAAATGACATACTCAAATGCAGAACAATG
 GATGTGGATGAAATGTTCTTGGATTTACTGATGGCTTATGCCATAGATCAGGATGACCCTAGCATCAAGG
 ATAAGCTCTGTGCATGCAGCAGGCCCTGGGCTGAGACAGGTGAGTTTGGCAAAGAGATGGCTGAGAT
 CATCCAGAATTGGAATGAGATTTCTCAGAGAAGAAGGAGCAGTTTCTGGACTATCTGTTGGATTACTTG
 AAGAAGCCACAAGAGCCCATCACATACAGCTTGATCAGTATCGGAACTGGATTGGGGATTTATTCTATG
 ATGCTCTAACTTTGTGAGAAAACTGGAATGTGCCTTTGGGAGTGGCAGTGGGGAACAGTTTACAACCT
 CCTTTATAAACACGATAACATTGCAGATGAGACCATGTGCAGCCGGGAGTTTCTCCATCTGGTGGACGCT
 GGTCTTGCCATCAACACTCCCTACCCACTTATTCTGACTCCTGTGCGTGAAGCTCACCTCATCTCTCAT
 TTGACTTCAGTGATGGGGATCCATTTGAGACCATCAGGGCCACAGCAGACTACTGTTACCAGCATGAAAT
 CCCTTTTCTGAAGTGAAGATCAGCTGAAGGAGTGGGCCAAATCCCCGAAGAGCTGCTACATCCTC
 AGAGGGGAAACAGGACCTGTTGTCATGCCTTTACTCTTTTCAACAAAGACAACCTGTGGAGATGACATTG
 TGACTTGGAGAAAACAATATAAGACAATGAAACTCTCTGATTATACACACCGAGCATGGTGACAGATTT
 GCTGAGGGTATCTAAGGAGAATGTGCAGAAAAACAAGACAAAATTTGTAATGAGATGAGGGAAGTCACT
 GGCTACAAAAAGGCAATTTCTGGAGGTAATGGGTCCAAGAGTTGGAGAACAAGAAGGACATTGGGA
 GACGAAAATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001145982

Insert Size: 1764 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_001145982.1](#), [NP_001139454.1](#)

RefSeq Size: 1764 bp

RefSeq ORF: 1764 bp

Locus ID: 691810

Cytogenetics: 1q21

Gene Summary: induces nuclear shrinkage in caspase-independent hypoxic cell death [RGD, Feb 2006]