

Product datasheet for **MC220894**

Pla2g4b (BC098210) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2g4b (BC098210) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pla2g4b
Synonyms:	MGC28892
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC098210
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGCAAAGGTGCCAGAGACATGCCTGCTCACTGTACGCGTCTCCGGGCCAGTGGCTTGCCTTCCA
 AGGACCTAGTAACCTCCTCTGACTGCTATGTGACTCTGAACCTGCCACGGCTTCCAGCCACAGCTCCA
 GACACGCACAGTCAAGAACAGCCGAAACCTGTCTGGAATCAGAACTTCCACTTCCGGATCCATAGGCAG
 CTCAAGAATGTTATTGAACTGAAAGCCTTTGACCATGACCTGGTGACCAGAGATGACCCAGTATTGTCAG
 TGCTGTTTGACGTGGGACCCCTGCAAAATGGGACTCAGCGCCAGAGCTTCTCCTTGGGACTCAGGAGAA
 AGGGTGTAGAAAGTTGAGTTTCGGCTACAGACTCTGACAGACTGTGAGGAACAGCTCATCAGCAATGGC
 ATCGTGGTGGCCGGAACTCTCCTGCTGCACGTTGAACTGAAGAGGACAGGAGATCCAAAGAGGTCAG
 AGCGCAAAGTTCAACTTGTGGTGTGGGGCTGTGAGGGCCACAGGATGCCTCTGCGGGCACTGGATC
 TTTCCACTTCCATTATCCAGCCTGCTGGGAGCAAGAGCTGAATGTTTCATCTGCAGGATGACCCCATGAG
 CAGCTGAAGGTGCCACTACGAACCTACCTCCTCGCAGCTGGTGAGACTTGTCTTCCCCACGTCCCAAGG
 AGCCACTGATGAGGCTGGAACCTCAAGAAGGAAGAAGGACCAAAGGAGCTGGCTGTGCGGCTGGGCTGTGG
 GCCCTGCCCTGAGGAACAGGCCCTTCTAAGCAAGAGGAAGCAGGTGGTGGCTGCCGCGTGAAAAAGGCC
 TTACAGCTGGACCAAGACCTGCACGAGGATGAGATCCCCGTGATTGCCGTGATGGCCACTGGTGGTGGGA
 TCCGGGCCATGACGCTCTTGTATGGGCAGCTGGCCGGCTGCAGGAGCTCGGCCCTCTCGACTGCATCTC
 CTATATCACGGGGGCTTCCAGGATCCACCTGGGCACTGGCCAACTCTATGAGGACCCAGAGTGGTCCGAG
 AAGGACCTGGCAGGGCCCACTGAGGTGCTGAAGACACAGGTGACAAAGAGCAAGCTGGGTGCGTTGGCCC
 CTAGCCAACTTTGGCGGTACCGGCAAGAGCTGGCTGAGCGTGTCTGCCTGGGCCACCCAACTGCTTCC
 CAACTTGTGGGCCCTCATTAAATGAGGCCTTGTGCACGACAAGCCCATGAACACAAACTCTCAGATCAA
 CGAGAGGCCCTGAGTCGAGGCCAGAACCCTCTGCCTATCTATTGTGCCCTCAACAGCAAGGAGCAGGGCC
 TGAGTACCTTTGACTTTGGGGAGTGGTGTGAGTTCTCTCCATATGAAGTCGGCTTCCCAAGTATGGAGC
 CTTTCATCTCCTCCGAGCTCTTTGGCTCGGAGTTCTTTATGGGGCGGCTGGTGAAGCAGCTTCCCGAGTCC
 CGCATCTGCTTCTGGAAGGCATCTGGAGCAATCTGTTTGGGCCAGCCTCCAAGACAGCTTGTACTGGT
 CCTCAGAACCCAGCCAGTTCTGGGACCGCTGGGCGCAGGATCAGGCCAACCTGGACAAAGAGCAGGTCCC
 CCATCTGAAGATAGCAGAGCCACCGACAATGGCTGGCAGGATCGCCGAGCTTTCCTACTGACCTCCTGACA
 AAGCGTCCCTCGCCACGCCACCCACAACCTTCCAGCGAGGCCTCCATTTCCACAAGGACTATTTCCAGA
 ACTCTCACTTCTCTGCCTGGAAAGCTTCCAAACTGGACAGGCTCCCAACCCAGCTGACACCCACTGAGCC
 CCACCTCTGCCTCCTGGATGTTGGCTATCTCATCAATACTAGCTGCCACCCCTCCTGCAGCCAACACGG
 GATGTGGACCTCATCTTGTCACTGGACTACAACCTCTACGGAGCCTTTCAGCAGCTGCAGCTTCTGAGCC
 GGTTCCTGCCAGGAGCAGGGCATCCCTTTCCCATCCATCTACCCAGCCCCGAGGAGCAGCGGCAGCCTCA
 GGAGTGCCATCTGTTCTGTGACCAGCCAGCCGAAAGCCCGGCTGTGCTGCACCTCCCTTTGGTCAAT
 GACTCCTTCCAAGACTACTCTGCCCTGGGGTCCACGGACATCGGAGGAGAAGGCAGCTGGGGAGGTGA
 ATCTGTCTTCTTCTGACTCCCCATACCACTACACAAAAGTGACCTACAGCCAGGAAGATGTGGACAAGCT
 GTTACGGCTGACGCATTACAACATCTGCAACAACCAGGATCGGCTGCGGGAGGCCATGCACCAGGCCGTG
 CAGCGGCCGAGAAAGCGCAAACAGTTTAGGCCGGAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: Sgfl-RsrII
 ACCN: BC098210
 Insert Size: 1422 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:	BC098210
RefSeq Size:	4272 bp
RefSeq ORF:	2348 bp
Locus ID:	211429
Cytogenetics:	2 E5
Gene Summary:	Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position with a preference for arachidonoyl phospholipids. Has a much weaker activity than PLA2G4A (By similarity).[UniProtKB/Swiss-Prot Function]