

Product datasheet for MC215815

Pla2g7 (NM_013737) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pla2g7 (NM_013737) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Pla2g7
 Synonyms: PAF-AH; R75400
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC215815 representing NM_013737
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTACCACTCAAACGCAGGCGCTTTTCTGCCTCCTCTGCTGCCTCCCATGGGTCCATCCTTTTCACT
 GGCAAGACACATCTTCTTTTGTCTCAGGCCGTCAGTAATGTTTACAAGCTCCAATCGGTGATGTCTGC
 TGCCGGCTCTGGCCATAGTAAAATCCCCAAAGGAAATGGATCGTACCCCGTCGGTTGTACAGATCTGATG
 TTCGGTTATGGGAATGAGAGCGTCTTCGTGCGTTTGTACTACCCAGCTCAAGATCAAGGTCGCCTCGACA
 CTGTTTGGATCCAAACAAGAATATTTTTGGGTCTTAGTATATTTCTTGAACACCCAGTATTGTAGG
 CAATATTTTACACCTCTTATATGGTTCTCTGACAACTCCTGCAAGCTGGAATTCTCCTTTGAGGACTGGA
 GAAAAATACCACTCATTGTCTTTTCTCATGGTCTCGGAGCCTTCAGGACGATTTATTCTGCTATTGGCA
 TTGGCTTGGCATCTAATGGGTTTATAGTGGCCACTGTGCAACACAGAGACAGATCTGCATCGGCAACTTA
 CTTTTTGAAGACCAGGTGGCTGCAAAAGTGGAAAACAGGTCTTGGCTTTACCTGAGAAAAGTAAAAACA
 GAGGAGTCGAAAGTGTCCGAAAGAACAGGTTTCAGCAAAGCAATAGAATGTTCCCGGCTCTCAGTG
 CGATTCTTGACATTGAACATGGAGACCCAAAAGAGAATGTACTAGTTTCAGCTTTTGACATGAAACAGCT
 GAAGGATGCTATTGATGAGACTAAAATAGCTTTGATGGGACATTCTTTTGGAGGAGCAACAGTTCTTCAA
 GCCCTTAGTGAGGACCAGAGATTCAGATGTGGAGTTGCTCTTGATCCATGGATGTATCCGGTGAACGAAG
 AGCTGTAATCCAGAACCTCCAGCCTCTCCTCTTTATCAACTCTGCCAAATTCAGACTCCAAAGGACAT
 CGCAAAAATGAAAAGTTCTACCAGCCTGACAAGGAAAGGAAAATGATTACAATCAAGGGCTCAGTGCAC
 CAGAACTTTGACGACTTTACTTTTGAACCTGGCAAATAATTGAAACAAGCTGACACTGAAAGGAGAAA
 TCGATTCCAGAGTAGCCATCGACCTCACAACAAAGCTTCGATGGCTTTCTTACAAAAGCATTTAGGGCT
 TCAGAAAGACTTTGATCAGTGGGACCCTCTGGTGAAGGAGATGATGAGAACCTGATTCTGGGTACCC
 TTTGACGCAGTACCCAGGTCCCGGCTCAGCAACTCTCCAGGATCACAGACCCAGAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013737
Insert Size:	1323 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:	NM_013737.5 , NP_038765.2
RefSeq Size:	1923 bp
RefSeq ORF:	1323 bp
Locus ID:	27226
UniProt ID:	Q60963
Cytogenetics:	17 B3
Gene Summary:	Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at the sn-2 position. It is inactive against long-chain phospholipids.[UniProtKB/Swiss-Prot Function]