

Product datasheet for RN217632

Pla2r1 (NM_001100837) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pla2r1 (NM_001100837) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pla2r1
Synonyms:	Mrc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217632 representing NM_001100837 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACAATGGTTAGCGATGCTCCAGCTGCTCTGGCTCCAGCAGCTGCTGCTGGGGTTACCAGGGCA
GCGCCCAAGATTTGACCCACACCCAGGAAGTGGCCCTCGAGTGGCGTGATAAAGGAATTTTCATTATCCA
GAGCGAGAGCCTAAAGACTTGCATTAGGCAGGTAAATCCGACTGACCCCTGGAGAAGTGCACACAGCCA
AACGAGTACATGCTGTGAAATGGGTTCCGACAACCACTCTTTAATGTGGGAGCCAGCGGCTGCCTAG
GCCTGAACATATCTGATCTGAAACGACCATTAAGTCTCTATGAATGTGATTCCACTCTCATTTCCTTGAG
ATGGCTCTGTGACAGGAAGACGATCGTGGGCCCACTCCAGTACAAGGTCCAGGTGAACCACAGCAGCGTG
GTGGCAAAGAAAACCCCATAAAGTGGAGCGCCTACATGCCCGGTGGTGGGGACATTTGTGAGCATCTTC
ACAGAGATATATACCTTAAAAGGGAATGCCATGGGATGCCTTGTGTGTTTCCTTTCCAGTTCAAAGG
TCAGTGGCACCACGAGTGCATCCGAGAAGGGCATAAAGAGCACCTGCTGTGGTGTGCCACCACGAGTCGC
TACGAAGAGGATGAGAAATGGGGATTCTGCCAGATCCTACCTCTACAGAGATATTCTGTGATGCTATGT
GGCAAAGGAACGACAATTCACACATTTGCTACCAATCAACCTGCTCTCATCTCTCTTGAATGAGGC
ACATTCCTCATGCCAGATGCAAGGAGGTGCTTTGTTAAGTATTACGGATGAAAATGAAGAAGCTTTCATA
AGGAAGGAGTTGAGCCGGTAGCTAAAGAAGTGGACTGGTTTGAATCAGCTGGATGAGATGGCTGGCT
GGCAGTGGTCTGATGGGACCACTCAGCTACCTGAACTGGAGCCAAGAGGTCACTGCTGGGCCATTTGT
GGAGTATCATTGTGGAACCTGAAAGTTGCCTCAGCTACCTGGAGAAGCATGGACTGCGAGTCTACCTTG
CCTTATATATGCAAACGGCATCTAAACCACACTGCCGAGGACATCCTGCAAAAGGACTCCTGAAAATACC
ATACCACTCACTGTGACCCTGGCTGGACTCCCTCAATCGTAAATGCTACAACTTAAGAAAGAGAAAAG
GACTTGGCAGGAGGCTCTGCACTCTTGCCAGTCTGATGACAGCATGTTGATGGATGTCACCTCCCTAGCT
GAGGTGGAGTTGCTTGTAAACCTCCTGGGGATGAAAATGCATCGAAACATGGATTGGTTTGGAGTAGCA
ATAAAATCCAGTTTCCTTCGCATGGTCCAGTGGCTCCTCTGTCATCTTCACTAACTGGTACCTTCTCGA
GCCTCGAATTCCTCAAACAGAAGACAACCTGTGTGCTCAGCAGATCAATCTGACGGACGCTGAAAAGT



AAAGGTTGTAAGAAACACTCCCTTACATTTGTAAGAAAGCAGGACAAGTCCTTGAGGATGAGGACTCCG
 GATGTCAAGCGGGCTGGGAAAGACACGGCAAGTATTGTTACAAAAATCGACACAGTCCTGAGAAGCTTTGA
 GCAGGCTTCCGGTGGTTATTACTGTCTCCCGCCCTCCTAACCATCACCAGCCGATTTGAACAAGCTTTT
 ATTACCAGTTTGATCAGTAGTGTGGCAAGAAAGGACAGTTATTTTTGGATTGCTCTTCAAGACAAAAACA
 ATACAGGAGAATACACTTGAAGACCATGGGACAGAGGGAGCCGGTGCAGTACACACACTGGAACGCACA
 TCAACCCAGCTACCATGGTGGCTGTGTTGCTCTGCGAGGAGGGAGTTCATTTGGTCGTGGGAAGTGAAG
 AACTGTAGTGACTTAAAGGCAATGTCTTTTGAAGACACCCATCAAAGTCTGGGAGAAAACAGAGTTTG
 AAGGGAGGTGGCCCTTTACCCCTGCTATATGGACTGGGAATCAGAGACTGGTCTAGCCAGTTGCTTCAA
 GGTCTTTCATAGCGAAAAGTCTCTGATGAAAAGATCATGGAGGGAAGCTGAAGCCTTCTGTGAGGAGTTT
 GGAGCTCACCTCGCAAGTTTTGCCACATAGAGGAAGAAAACCTCGTGAATAAGCTTCTACACTCAAAT
 TTAATTGGACACAAGAAAGGCAGTTCTGGATCGGATTTAATAAAAGGAACCCACTGAATGCCGGTCTTG
 GGAGTGGTCTGACGGTCTCTGTTGTCTTCTCATTTTTAGACAATGCTTATTTTGAAGAAGATGCAAAA
 AACTGTGTGTGATAAGGCAACAACACTGTTGCCCTCGAAGTGTGCTTCAAACACGAGTGGATAT
 GCAAAATTCGAAGAGATGTAAACCAATTTCCAGTCTGGTACCAGTACGATGCACCCTGGCTCTTCTA
 TCAGAATGCCGAGTACCTTCCACACCCATCCTGCCGAGTGGGCCACCTTTGAGTTTGTCTGCGGTGG
 CTGCGAAGTGATTTCTCACGATTTATTCTGCTCAGGAGCAAGAATTCATCCACAGCAAAAATCAGAGCGC
 TATCAAAGTACGGGGCGAATTGGTGGATCGGACTTGAAGATAGAAGAGCTGGAGATCAAATTCACCTGGAG
 TAATGGGTCAACCGTGATATTTCAAGACTGGGACAAAAGGAAGGAAGGAAGAATGGATAGCCAGAGAAA
 CGATGCGTCTTATGTCTGCTATAACAGGGCTCTGGGCACTGAGAATTGCTCTGTTCTATGCCAGCA
 TCTGTAAGCGAGTAAAAATAGGGTCACTGAGAAGGAGAAGCCGCAACACAGCATGGCAGTGCACCAA
 AGGGTGGCTTTATTTAACTATAAGTGTCTCTGGTGACAATCCCAAGGACCCACGGGAGCTGAAGACC
 TGGACAGGTGCTCAGGAATCTGTGCTGCCAAGGGTGGGACGCTGGTCTCCATCGAAAGTGAATGGAAC
 AAGCTTTCATTACTGTGAATCTTTTCGGCCAGACCACGAATGTATGGATAGGGTTACAAAGTGAACAATCA
 TGAGAATTGGGTAATGGGAAGCCTGTGGTGTATTCTAACTGGTCTCCATCTGATGTAATAAATATCCCC
 AATTATAACACCACTGAAGTTCAAAGCGTGCTCCACTCTGTGCCCTGATGTCAAGTAATCCTAATTTCC
 ATTTTACTGAAAATGGTATTTTCGATGACTGTGGGAAAAAAGGCTATGGATTTGTGTGTAAAAAATGCA
 AGATACCCTTGAAAACCATGTAACGTGTCTGATACCTATGCAGTCCCCAGCACATTAGAATACGGAAAC
 AGGACTTATAAAATAATCCGTGTAATATGACTTGGTACGCAGCAGGAAAGTCTGCCGGATGCAGGGAG
 CAGAACTGGTCAGCATTCCAGACGTATTTACCAGTCTTCTCACAGTCTCCTCAGCAGGCTGGGGCA
 CGCCCACTGGATTGGGCTATCCACACCAGATAATGGTCTGAATTTTACTGGTGTGAGCAGGACCAAAATCC
 CCTTTCACCTATTGAAAAGATGAGGAGTCAAGCCTCTCTTGGCGACTGCGTTTTTGGCGACACCGATGGTC
 ACTGGCATGGCACAGCCTGTGAGTCACATCTGCAAGGCGCGTTTGTCTGTACTCACTGAAACAAAGTC
 GTTTGAGCACCCAGTGTGCTCAGAAACGTCAGTTCCTGGATAAGATTTAAAGGTCATTGCTACAGT
 TTTTCTACAGTCTGGACAGCAGAAGTTTTGAGGATGCTCGAGAATTCGCAAAAAGAGAAGGATCCAATC
 TTTTGGCAATCAAGGATGAGGCTGAAAATTTATTTCTCCTGGAAGAGCTTCTTGCCTTGGTTCTTCTGT
 CCAGATGGTTTGGTTGAATGCTCAACTTGACAATGACAACAAAACCTTAAGGTGGTTTGACGGAGCAGCC
 ACAGAGCAGTCAAACCTGGGGCGTACGGAAGCCAGACATGGACCACCTCAAGCCCCATCCGTGTGTGTCC
 TGAGGATCCCTGAAGGAGTATGGCAGTCTACCCCATGCGAAGACAAAACGGGATTCATTTGTAAGTGA
 AGCAGGCATCCCAGCTGTAACAGCACATCCAGAGAAAAGGACTAAGCCACAGCATCATGCCTGTTGCAGCA
 GCACTGGCGTTGACAATAGTCTGGGCATTCTCGTCTTTGCCTCTGGATTTACAAGCAGAATGGCGGTG
 CCATCTTGCCGAGACTCACGGGGTGCAGGGGCCCTTACTACCCTATGTCCAGCTTCAAGTGGCACACT
 AGAAGAGAACATCCTCATTTCTGATCTTGAGAAGAATAACCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100837
Insert Size: 4386 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100837.1</u> , <u>NP_001094307.1</u>
RefSeq Size:	5599 bp
RefSeq ORF:	4386 bp
Locus ID:	295631
Cytogenetics:	3q21