

Product datasheet for **MC227336**

P2ry1 (NM_001282016) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: P2ry1 (NM_001282016) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: P2ry1
 Synonyms: P2Y1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC227336 representing NM_001282016
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGAGGTGCCTTGGTCGGTTGTCCCAACGGGACGGATGCTGCCTTCTGGCGGGCTGGGCTCGC
 TTTGGGAAACAGTACTGTCGCCTCAACTGCAGCAGTTTCTCTTCAATCAATGTGCCCTGACCAAGAC
 CGTTTTCCAGTTCTACTACCTGCCGGCTGTCTACATTTTGTGTTTCATCATAGGCTTCTAGGCAACAGC
 GTGGCTATCTGGATGTTGTTTTCCACATGAAGCCTTGGAGCGGCATCTCCGTGTACATGTTCAATTTGG
 CTCTGGCTGACTTTTTATACGTGCTCACCTACCAGCCCTCATCTTCTACTACTTCAACAAGACTGACTG
 GATCTTCGGGGATGCTATGTGCAAGCTGCAGAGATTTCATCTCCACGTAATCTCTACGGTAGCATCTTG
 TTCCTCACCTGCATCAGCGCACACAGGTACAGTGGCGTGGTGTACCCTCTCAAGTCTCTGGGCAGGCTCA
 AGAAGAAGAAATGCCATTTATGTCAGCGTGTGGTGTGGCTCATTGTGGTGGTGGCCATCTCCCTATTCT
 CTTCTACTCTGGCACTGGGACTCGGAAAAACAAACTGTCACCTGCTATGACACCACGTCCAATGATTAC
 CTGGCAAGTTATTTTCATCTACAGTATGTGCAGCAGTGTGGCCATGTTCTGCATCCCTTTGGTGTGATCT
 TGGGCTGTTATGGATTAATTGTTAAAGCTTTGATTTACAATGACCTGGACAACCTCCGCTCCGGAGGAA
 ATCCATTTACCTGGTGATAATTGCTGACGGTGTGGTGTGCTTATATCCCTTTCCATGTGATGAAA
 ACGATGAATTTGCGAGCACGGTTGGATTTCCAGACCCAGAAATGTGTGATTTCAACGACAGGGTTATG
 CCACTTATCAGGTAACAAGAGGTCTAGCAAGTCTCAACAGCTGTGTGGACCCATTCTTTATTTCTTGGC
 TGGAGATACATTCAGAAGGAGACTGTCCCGAGCCACCAGGAAAGCTTCCAGGAGGAGTGAGGCCAATTTA
 CAATCCAAGAGTGAAGAAATGACTCTCAATATTTTATCTGAGTTCAGCAGAATGGAGACACGAGTTTGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001282016
Insert Size:	1122 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_001282016.1, NP_001268945.1</u>
RefSeq Size:	3624 bp
RefSeq ORF:	1122 bp
Locus ID:	18441
UniProt ID:	<u>P49650</u>
Cytogenetics:	3 E1
Gene Summary:	<p>Receptor for extracellular adenine nucleotides such as ADP. In platelets, binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and ultimately platelet aggregation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>