

## Product datasheet for **MC209137**

### **P2ry1 (NM\_008772) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** P2ry1 (NM\_008772) 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:** >MC209137 representing NM\_008772  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACCGAGGTGCCTTGGTCGGTTGTCCCCAACGGGACGGATGCTGCCTTCTGGCGGGCTGGGCTCGC  
TTTGGGAAACAGTACTGTCGCCTCAACTGCAGCAGTTTCTCTTCAATCAATGTGCCCTGACCAAGAC  
CGTTTTCCAGTTCTACTACCTGCCGGCTGTCTACATTTTAGTGTTTCATCATAGGCTTCTAGGCAACAGC  
GTGGCTATCTGGATGTTGTTTTCCACATGAAGCCTTGGAGCGGATCTCCGTGTACATGTTCAATTTGG  
CTCTGGCTGACTTTTTATACGTGCTCACCTACCAGCCCTCATCTTCTACTACTTCAACAAGACTGACTG  
GATCTTCGGGGATGCTATGTGCAAGCTGCAGAGATTTCATCTCCACGTAATCTCTACGGTAGCATCTTG  
TTCCTCACCTGCATCAGCGCACACAGGTACAGTGGCGTGGTGTACCCTCTCAAGTCTCTGGGCAGGCTCA  
AGAAGAAGAAATGCCATTTATGTCAGCGTGTGGTGTGGCTCATTGTGGTGGTGGCCATCTCCCCTATTCT  
CTTCTACTCTGGCACTGGGACTCGGAAAAACAAACTGTCACCTGCTATGACACCACGTCCAATGATTAC  
CTGGCAAGTTATTTTCATCTACAGTATGTGCAGCAGTGTGGCCATGTTCTGCATCCCTTTGGTGTGATCT  
TGGGCTGTTATGGATTAATTGTTAAAGCTTTGATTTACAATGACCTGGACAACCTCCGCTCCGGAGGAA  
ATCCATTTACCTGGTGATAATTGCTCAGCGTGTGGTGTGCTTATATCCCTTTCCATGTGATGAAA  
ACGATGAATTTGCGAGCACGGTTGGATTTCCAGACCCAGAAATGTGTGATTTCAACGACAGGGTTATG  
CCAATTATCAGGTAACAAGAGGTCTAGCAAGTCTCAACAGCTGTGTGGACCCATTCTTTATTTCTTGGC  
TGGAGATACATTCAGAAGGAGACTGTCCCAGCCACCAGGAAAGCTTCCAGGAGGAGTGAGGCCAATTTA  
CAATCCAAGAGTGAAGAAATGACTCTCAATATTTTATCTGAGTTCAAGCAGAATGGAGACACGAGTTTGT  
GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_008772
<b>Insert Size:</b>	1122 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_008772.5</a></u> , <u><a href="#">NP_032798.1</a></u>
<b>RefSeq Size:</b>	3899 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	18441
<b>UniProt ID:</b>	<u><a href="#">P49650</a></u>
<b>Cytogenetics:</b>	3 E1
<b>Gene Summary:</b>	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] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.