

## Product datasheet for **MC216179**

### **P2rx5 (NM\_033321) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	P2rx5 (NM_033321) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	P2rx5
Synonyms:	P2X5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216179 representing NM\_033321  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCAGGCGCCTGGAAGGGTTCGTGTTGTCTGTTCGACTACAAGACAGCAAAGTTCGTGGTCCG  
 CCAAGAGCAAGAAGGTGGGGCTGCTCTACCGGGTCTGCAGCTCACCATCCTGTTGACTTACTCATATG  
 GGTGTTTCTGATAAAGAAGATTATCAGGACATTGACACTTCCCTGCAGAGTGCTGTGGTACCAAAGTC  
 AAGGGGTGGCCTATACCAACACCACGATGCTTGGGGAACGACTCTGGGATGTGGCAGACTTTGTCAATC  
 CGTCTCAGGGGAGAACGTTTTCTCGTGGTACCAACCTGATCGTGACTCCTAACCGAGCGGAGGGCAT  
 CTGTGCTGAGCGTGAAGGCATCCCGGATGGCGAGTGTTCAGAGGACACCGACTGTCACGCTGGGAGTCT  
 GTTGTAGCGGGACACGGACTGAAAACCTGGTCGCTGTCTACGGTGGGAACTCTACCGGGGCACCTGTG  
 AGATCTTTGCTTGGTGCCAGTGGAGACAAAGTCCATGCCAACGGATCCCCTCTGAAGGACGCAGAAGG  
 CTTACCATTTCATAAAGAACTTCATTGCTTCCCAAGTTCACCTTCTCCAAAGCCAATGTGCTAGAA  
 ACAGGCAACAAACATTTCTGAAAACCTGTCACTTCAGCTCCACCAATCTCTACTGCCCATCTTCGGAC  
 TGGGGTCCATTGTTTCGCTGGGCAGGGGCTGACTTCCAGGACATAGCCCTGAAGGGCGGTGTGATAGGAAT  
 CCACATTGAATGGGACTGTGACCTTGATAAAGTGCCTCCCACTGCAACCCACACTATTATTTCAACCGT  
 CTGGACAACAAACACACAATCCATCTCCTCTGGGTAACTTCAGGTTTGCCAGGATTAACCGTGACC  
 CTCATGGGGTAGAGTTCCCGTGACCTGATGAAAGCATATGGCATCCGCTTTGATGTGATAGTTAATGGCA  
 GGCGGGAAATTCAGCATCATCCCACAGTCATCAACATGGTTCCGGGCTGGCGCTCATGGGTGCTGGG  
 GCTTTCTCTGTGACCTGGTACTTATCTACCTCATCAGAAAGAGCGAGTTTTACCGAGACAAGAAGTTTG  
 AGAAGGTGAGGGTCCAGAAGGAGGAAGATAATGTTGAGGTTGAGGCCAACGAGATGGAGCAGGAGCTGCC  
 AGAGGACAAGCCACTGGAGAGGGTTCATCAGGACGAGCAGGCCCTGGAACCTGGCCAGAGTGGCAGGAAG  
 CAGAATAGCAACTGCCAGGTGCTCTTCGAGCCTGCCAGGTCTGGCCTCCAGGAGAATGCCTTCGTGAACA  
 TGAAGCCATCACAGATCTTGCAACAGTGAAGACGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_033321
- Insert Size:** 1368 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:**
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\\_033321.3](#), [NP\\_201578.2](#)  
RefSeq Size: 2293 bp  
RefSeq ORF: 1368 bp  
Locus ID: 94045  
Cytogenetics: 11 B4