

## Product datasheet for **MC202059**

### **P2ry10 (NM\_172435) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	P2ry10 (NM_172435) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	P2ry10
Synonyms:	5830408N17Rik; Lypsr2; P2Y10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC053707 sequence for NM\_172435  
AAGAGGTAATCCAGGATATGTGCTTGCTGCCAGAGTTGTACCTTTTACTCTCATCTCTTTGCAAATAT  
ACAAGACTCTATCCCAGCTCAGCATCAGGGGCCATAATTCCACAGTTTTCTTGCCAAACATACTGAAA  
TATTCAAGATGGGAGCAACAGTACCAGCAGTGCTGAGAGCAATTGCAATGCCACTTATTTGCCATTTCA  
GTACTCTGTATGCAACTACCTATATCTTCATATTCATCCCGGTCTCCTGGCTAACAGTGCAGCCCTG  
TGGGTTCTGTGCCGCTTCATCAGCAAGAAGTACAAGGCCATCATTTTCATGATCAACCTCTCAGTGGCAG  
ACCTTGCTCATATCCTGTCTTACCTCTTCGGATTTACTATTATATCAATCGTCACTGGCCATTCCAGAG  
GGCCCTTTGCCTGCTGTGTTTCTATCTGAAATATCTCAACATGTATGCCAGCATTTTTTTCTTGACATGC  
ATTAGCCTTCAGAGGTGCCTCTTTCTCCTCAAACCATTACAGAGCCAGAACTGGAAGCGTAGGTACGATG  
TGGGCATCAGTGCTGTCATCTGGATTGTTGTAGGGACTGCCTGTTTGCCATTTCCCATCCTGAGAAATGC  
TGGCTTAGCCAATAGCACAGATTCTCGTCTTGCTGATCTTGGGTACAAACAGATGGATGCAGTGGTCTG  
GTCACCATGGTTGAATTGCTGAACTTGTGGATTTGTGATTCCAGTGATCACCATTGCATGTTGTACCT  
GGAAAACAACGTATCCTTGAAACACCCACCAATTGCTTTTCAAGGGATTAGTGAGAGGAAAAAAGCATT  
GCGGATGGTTTTCATGTGTGCTGCAGTCTTCGTTATCTGCTTCACTCCTTATCACATTAACCTCATTTTT  
TACACCATGGTAAAGGAAAGCATCATTACCAGTTGCCACTGTAAAAAGTACCCTGTATTTCCATCCTT  
TTCCCTATGCCTTGCAAGTCTCTGTTGTCTTTTGGACCAATTCTGTACTATTTTCATGGCTTCAGAGTT  
TCGTGACCAACTATCTCGTCATGGAAGCTCTGTTACTCGTTCTCGTCTCATGAGCAGGGAGAGTGGATCA  
TCAATGGTTAACTAAAATGAGAAAATCTTCAGTTAGGATTCTCTTTACCTGACATTCTGTGGCATTGCC  
CAAAGGCAGGAATTTCCAGGCAAATAATTCCTTTAACTGAACCTTGAAAAAGCAGAAAATAGGTTTTATT  
GTGTGATGGTTGGTCTCCACAGATGATGGAGGCATAATGTGAAAAATGTGGGAGTAGAAAGAAAAAT  
GGGATCCATGTGCTTCCAATTTAAAATTTATGGCATTATATTAGTTACAAGTCCCAATTTAAGTTCAAGT  
TTTTAGCAGATGTTTCCATCCAAATATAAATGAATGCATATATTTAAATTCGTCTTCAGTAAAGAGAAT  
AGTACTGAGATGCAAGGTATATATTAAGATGTACAGAAGAATAAATTTCCCCACGGAATAATTTTTATT  
CTGAATGGAGTAAAGATTTCAAGTCTTTATAAAACATTACACACAGACAAAATGACACAAAAGTTTCAAT  
ATGTGAATGAATTTTAGCACTGCACTCTTGCTACTGAATGGTGTACATGAAAATCCACCTCATGGATGTT  
CGTAGATGTCCATCATTTTCTAGGTTGGCAGTTTGTATGATTTTTTACAAATAATTTTCATCTTACTT  
TTCCAATACAAGCAACAGTAAATGAGGAGATTACAAATACAAATGAATGTAATGTAATGGCAGAGAGGT  
TAAGCAACATGTCTACAATTAACAGTTACATGGCATATACTTATGCTATTTCTCTGCTTATATTTTTA  
TATGTATTAGGTCAATACTAAGTTTGAATGTGGAGGACACAAACAGAAGATAAGCATAGGAAATA  
GAGATAGTTTTAACACAATTTTCTGTGCTCATCGAAAAATCTATAATTTGGGGATTAGCATGATTCTGG  
GTAGAGTCTTCTGTGATAAATATATCGTCATATTAGTGAATCATCTATATAGTCTTGATGAGAAAAAGC  
TCAATAATTCATTATTTCAAATCAATATTATGGCTAATAAAGCCATGCAATAACATGAATAAAAAGC  
TATGAAACTGAGCCGCATTTTAGAAAATGTAGGCTTCTTTTAAAAATTTCTTTTTAAAAAATTTCTTA  
CACACTACTATGTCACTAAATAAAATCTCAATGGTTTTTCCAGATATCATAACTCACATAATTGCATTAGAA  
ACAGAGTATTAATCACATTGTGAACAAATATGAGAGAAATATGTGGCCTTGTTTTTTCTGAGTGTATG  
GATACTATTTTAAAGTGTTCATATAGATGATACAAATAGAACAGAACCCCCATCTTCTCAAGTTGACAATT  
CACTGGTATTTTAGGTCTGAAATGAACAGAGCATAGACATTTGGTATGCAGGCAAGAAAAGGAAGTGGTA  
GTACTTAGAACATGCATTTGTGTAGACTAAGGAAGAGGAAGGGACCACCAAAAAGGAGGAATTTAAAGAAA  
ATTTCTTGGTTTTGGGGGAATGAGATAGTCTGTAATTATAATGTAATAAAGTGTTTTTTAAATTTGGA AAAAAAAAAAAAAAG

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_172435

**Insert Size:** 987 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:** [BC053707](#), [AAH53707](#)

**RefSeq Size:** 2675 bp

**RefSeq ORF:** 987 bp

**Locus ID:** 78826

**UniProt ID:** [Q8BFU7](#)

**Cytogenetics:** X D

**Gene Summary:** Putative receptor for purines coupled to G-proteins.[UniProtKB/Swiss-Prot Function]