

Product datasheet for **MC204030**

P2ry12 (NM_027571) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2ry12 (NM_027571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	P2ry12
Synonyms:	2900079B22Rik; 4921504D23Rik; P2Y12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC025428
 CCACGCGTCCGGCAGGAGCTGCCGCACGGACACTTTCCCCTATCCAGGGTACAGTGCAAGGGTGGCATC
 TACCTGCTTGGCAACTCACCTTCACCGGCACCACCCTGTTTTCCAGTTTGGAAACATGCTAAAGTAAAA
 TAATAACGTGCTACCCGACCTGAAGCACTTGATGTGGGCGTACCCTACAGAAATAAAGGAGAAGTCCTA
 AAAACAGACAGACTGGAGTCTGCAGAGCTCTGAATATTCACAGAAGAACAACACTCAAGGCTGCCTTGCTGAA
 GTCTCTGCAGAGTCTATCACAGAGGGCTTTGGGAACCTTATCCAAGTCACTGAGAAGAAAGCAACAGATGC
 CAGTCTGCAAGTCCACTAACTAGTATTCGCGGAGACACTCATATCCTTCAGATTACAGAAAGCAGGAC
 CATGGATATGCCTGGTGTCAACACCACCTCAGCCAATACCACCTTCTCCCCTGGGACCAGCACCCTGTGC
 GTCAGAGACTACAAGATACCCAGGTTCTCTCCATTGCTGTACACCGTCTGTTCTTTGCTGGGCTCA
 TCACGAACAGCTTGGCAATGAGGATTTTCTTTCAGATCCGCGAGTAAATCCAACCTCATCATTTTTCTTAA
 GAACACGGTCATCTCTGATCTACTAATGATTCTAACTTTTCCATTTAAAAATCTTAGTGATGCTAAACTG
 GGAGCCGGGCTCTGAGAACCTTGGTGTGCAAGTTACTTCAGTCACATTTTATTTTACAATGTATATCA
 GTATATCGTTCCTGGGTTGATAACCATTGACCGCTACCTGAAGACCACCAGGCCATTTAAACGTCCAG
 CCCCAGCAATCTCTTGGGTGCAAAGATTCTTTCTGTTGCATCTGGGCCCTCATGTTCTTAAATTTACTG
 CCTAACATGATTCTACCAACAGGAGGCCAAAAGATAAGGACGTAACAAAATGTTCTTTCTTAAAGTCAG
 AGTTTGGTCTAGTTTGGCACGAAATAGTCAATTACATCTGCCAAGTCATTTTCTGGATTAATTTTTTAAT
 TGTTCATCGTTTGTATAGCCTCATTACCAAGAACTCTATCGGTCTTATGTCAGAACAAAGGGTTACGCC
 AAAGTTCCCAAGAAAAGGTAACGTCAAGTTTTTCATCATCATTGCTGTATTCTTTATTTGCTTTGTTTC
 CCTTCCACTTTGCACGGATTCCCTACACCCTGAGCCAACTCGGGCCGCTTTTACTGAGTGCAGTGCTGAGAA
 CACCCTGTTCTACGTGAAGGAGAGCACCCTATGGCTTACGTCACTGAACGCTGCCTTGATCCATTATC
 TACTTTTTCTTTGCAAGTCTTTCAGAAATTCCTTGACAAGCATGCTGAGGTGCTCAAACCTACATCAA
 CATCTGGGACAAACAAGAAGAAAGGACAAGAAGTGGCGAACCAAGCGAAGAGACCCCAATGTAGAACAT
 TACCAAGGGGCTGCTTCAGTCTTTAATATCCAGACTGCTCCAAGGAAATCACCATACAAATATATTAAC
 ATTCACTAAAAAGAAGTTGAGTTAATGATTCTTTAAATAATCAATAAAGTAAGAAAATAATTTTTAACTA
 CCTTTTCTGTACATATATGGGAAAAATCTTAGTCTGCAGGTGATTTTTAAATGAACTGCATCCCATTGC
 TATACTGCAGGCAAAACATAAAAAAAATCATTTATCTGATTTCTTCAAATTTGGCAACATGAAATGTAA
 TATTCATTGTCATTTTAAAAATAATTACCAATAACAATATTATTTTTGTAATAAGTGAGAATGTTTGTAT
 GATCTGATACATCAAACACAGTAATTACCAACTCCCATTATAACAAGGATAACAACAAAACAAAGGG
 ACGTAAATCAAATGAAATGACAATGGATAAGGCCTGGATTATTGTAATGCACATTAAGATGGTAGAGGT
 TAAAAAGGCGAATCTTACCATAAAGGACAGACATGATGAATAAAATTTAACTTAACAAAAGTACACTT
 TCATAACATTCTAACATTAATAATTTACTCCTTCTTAACTAGAGGACGCAATTTTACTAAGGTTTC
 TAAGTTTACTGGGTAGAGTGCCATTATCGGTACTTATCTGCTAAGTACTTTGAAAATGCCTGCTGCTTG
 AATGAACAGAACACTTCTTAATAAGAAAACATAAGCAACTACAATTACCAAAATCACACATCACATCTACC
 AATAAGAAAGTGATTGAACTACTTGAGATTATGTTTGAATCATGTGTATAATATTAATGCAATTTATT
 CTGTATCGTTTTGTTGGAATTTCTTCAATTAATAAACTATTAGGTATAATGGTTCAACCTTCTTGCCCTC
 ATTAACAGTAAATGATTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027571
Insert Size: 1818 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC025428](#)

RefSeq Size: 2422 bp

RefSeq ORF: 1818 bp

Locus ID: 70839

UniProt ID: [Q9CPV9](#)

Cytogenetics: 3 D

Gene Summary: Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Required for normal platelet aggregation and blood coagulation. [UniProtKB/Swiss-Prot Function]