

Product datasheet for RN206706

P2ry1 (NM_012800) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: P2ry1 (NM_012800) Rat Untagged Clone
 Tag: Tag Free
 Symbol: P2ry1
 Synonyms: P2y; P2y1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206706 representing NM_012800
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGAGGTGCCTTGGTGGCTGTCCCCAACGGGACAGATGCTGCCTTCTGGCTGGCCTGGGCTCCC
 TTTGGGAAACAGTACAATCGCCTCGACTGCAGCAGTTTCCTCTTCATTCCGATGTGCCCTGATCAAGAC
 CGGCTTCCAGTTCTACTACCTGCCTGCGGTCTACATCTTAGTGTTCATCATAGGCTTCTTGGCAACAGC
 GTGGCAATCTGGATGTTTGTTCACATGAAGCCTTGGAGCGGCATCTCGGTGTACATGTTCAATTTGG
 CTCTGGCCGACTTTTTGTATGTGCTCACCTACCAGCTCTCATCTTCTACTACTTCAACAAGACTGACTG
 GATCTTCGGGGATGTTATGTGCAAGCTGCAGAGGTTTCATCTTCCATGTAAACCTCTATGGCAGCATCTTG
 TTCCTCACCTGCATCAGTGCACACAGGTACAGTGGCGTGGTGTACCCTCTCAAGTCTCTGGGCAGGCTCA
 AGAAGAAGAAATGCCATTTATGTCAGTGTGCTGGTATGGCTCATTGTGGTGGTGGCCATCTCCCCATTCT
 CTTCTACTCTGGCACTGGGATTCGGAAAAACAAAAGTGCACCTGCTACGACTCCACGTCAGATGAGTAC
 CTGGCAAGTTATTTTCATCTACAGTATGTGCACGACTGTGGCCATGTTCTGCATCCCCCTGGTGTGATCT
 TGGGCTGTTATGGATTAATTGTTAGAGCTTTGATCTACAAGATCTGGACAACCTCTCCTCCGGAGGAA
 ATCCATTTACCTGGTGATAATTGCTGACGGTGTGGTGTGCTTACATCCCTTCCATGTGATGAAA
 ACGATGAATTTGAGGGCACGGCTGGATTTCCAGACCCAGAAATGTGTGATTTCAACGACAGGGTTTATG
 CCACCTATCAGGTAACAAGAGGCTAGCAAGTCTCAACAGCTGTGTGGACCCATTCTTTATTTCTTGGC
 TGGAGATACATTCAGAAGGAGACTGTCCCGAGCCACCAGGAAAGCTTCCAGGAGGAGTGAGGCCAATTTA
 CAATCCAAGAGTGAAGAAATGACTCTCAACATTTTGTCTGAGTTCAGCAGAACGGAGACACAAGTTTGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_012800
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).
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_012800.1</u> , <u>NP_036932.1</u>
RefSeq Size:	3187 bp
RefSeq ORF:	1122 bp
Locus ID:	25265
UniProt ID:	<u>P49651</u>
Cytogenetics:	2q31
Gene Summary:	G protein-coupled receptor for extracellular ATP; plays a role in ischemic preconditioning (IPC) in heart [RGD, Feb 2006]