

Product datasheet for **MC210142**

P2ry4 (NM_020621) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2ry4 (NM_020621) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	P2ry4
Synonyms:	P2Y4; P2Y4R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210142 representing NM_020621 Red =Cloning site Blue =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGTGCAGACTCCTTGCTATTCACATCACTAGGTCCCAGCCCAAGTTCTGGAGATGGTGATTGTA
AGTTTAAATGAGGAATCAAGTTCATCCTGTTGCCTCTGAGCTATGCAGTTGTCTTTGTGCTGGGCCTGGC
CCTCAATGCCCAACCCTTGGCTGTTCCCTCTCCGCCTTCGACCCTGGGATGCAACAGCCACTTACATG
TTCCATTTGGCATTGTCAGACACCTTGTATGTGCTGTCCTGCCCACCCTCGTCTACTACTATGCTGCCA
GAAACCACTGGCCCTTTGGCACTGGCTTCTGCAAGTTCGTCGGCTTTCTTTCTACTGGAACCTCTACTG
CAGTGTCTTTTCCCTCACCTGCATCAGTGTGCACCGCTACATGGGCATCTGCCATCCACTGCGGGCAATA
CGCTGGGGCCGCCCTCGATTTGCAGGTCTTCTCTGCTAGGTGTTTGGTTGGTAGTAGCTGGCTGCCTCG
TGCCCAACCTCTTCTTTGTGACAACCAATGCCAATGGAACCACCATCCTGTGCCATGACACGACTCTGCC
TGAGGAGTTTGACCACTACGTATACTTCAGTTCACAAATCATGGTGTGCTCTTTGGCTTTCCCTTCTTG
ATCACTCTGGTCTGCTATGGACTCATGGCCCGGCGACTGTATCGACCTTTGCCAGGAGCTGGACAGTCAT
CTTCTCGGCTCCGTTCTCTCCGACCATTGCTGTGGTGTGCTGACTGTCTTTGCTGTCTGCTTTGTGCCTTT
CCACATCACCCGCACAATTTATTACCTGGCAAGACTGTTGAACGCCGAATGCCGGGTGCTGAACATTGTC
AATGTGGTTTACAAAGTGACTCGTCCCCTGGCCAGTGCTAATAGCTGTCTTGATCCAGTGTCTATCTGT
TCACGGGGGACAAGTATCGAAACCAGCTCCAGCAGCTATGCAGAGGTAGCACACCTAAGCGCCGAACAAC
TGCTTCTCCCTGGCATTGGTGACCCTACATGAAGAAAGCATCAGCAGGTGGGCGGACATCCACCAAGAC
AGCATCTTCCCTGCTTATGAGGGTGACCGATTATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_020621
Insert Size:	1086 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:	BC119206 , AAI19207
RefSeq Size:	1395 bp
RefSeq ORF:	1086 bp
Locus ID:	57385
UniProt ID:	Q9JIS7
Cytogenetics:	X C3
Gene Summary:	Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system.[UniProtKB/Swiss-Prot Function]