

Product datasheet for MC207915

P2ry6 (NM_183168) Mouse Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | P2ry6 (NM_183168) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | P2ry6 |
| Synonyms: | 2010204J23Rik; P2Y6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC207915 representing NM_183168 Red=Cloning site Blue=ORF |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCAGGACAATGGCACCATCCAGGCTCCAGGCTTGCCGCCACCACCTGCGTCTACCGTGAGGATT
TCAAGCGACTGCTGCTAACCCCGGTATACTCGGTGGTGTGGTGGTGGCCTGCCACTGAACATCTGCGT
CATTGCCAGATCTGCGCATCCCGCCGACCCCTGACCCGTTCCGCTGTGTACACCCTGAACCTGGCACTG
GCGGACCTGATGTATGCCTGTTCACTACCCTACTTATCTATAACTACGCCAGAGGGGACCCTGGCCCT
TCGGAGACCTCGCCTGCCGCTTTGTACGCTTCTCTTCTATGCCAATCTACATGGCAGCATCCTGTTCTCT
CACCTGCATTAGCTTCCAGCGCTACCTGGGCATCTGCCACCCCTGGCTTCTGGCACAAGCGTGGAGGT
CGCCGTGCTGCTTGGGTAGTGTGTGGAGTCGTGTGGCTGGCTGTGACAGCCAGTGCCTGCCACCGCAG
TCTTTGCTGCCACAGGCATCCAGCGCAACCGCACTGTGTGCTACGACCTGAGCCACCCATCCTGTCTAC
TCGCTACCTGCCCTATGGTATGGCCCTCACGGTCATCGGCTTCTTGTGTCCTTCATAGCCTTACTGGCT
TGTTATTGTGCGATGGCCCGCCGCTGTGTGCCAGGATGGCCAGCAGGTCTGTGGCCCAAGAGCGGC
GCAGCAAGGCGGCTCGTATGGCTGTGGTGGTGGCAGCTGTCTTTGCCATCAGTCTCTGCCTTCCACAT
CACCAAGACAGCCTACTTGGCTGTGCGCTCCACGCCCGGTGTCTTTGCCCTGTGCTGGAGACCTTCGT
GCTGCCTACAAAGGCACTCGGCCCTTCGCCAGTGTCAACAGTGTCTGGACCCCATCTCTTCTACTTCA
CACAACAGAAGTCCGGCGGCAACCCACGATCTCTTACAGAGGCTCACAGCCAAGTGGCAGAGGCAGAG
AGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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| ACCN: | NM_183168 |
| 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: | <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: | BC027331 , AAH27331 |
| RefSeq Size: | 1976 bp |
| RefSeq ORF: | 987 bp |
| Locus ID: | 233571 |
| UniProt ID: | Q9ERK9 |
| Cytogenetics: | 7 E2 |
| Gene Summary: | Receptor for extracellular UTP > ADP = 2-methylthio-ATP > ADP-beta-S > ATP = ATP-gamma-S. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Functionally coupled to phospholipase C (By similarity). [UniProtKB/Swiss-Prot Function] |