

Product datasheet for MC209135

P2rx6 (NM_011028) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: P2rx6 (NM_011028) Mouse Untagged Clone
Tag: Tag Free
Symbol: P2rx6
Synonyms: P2rxl1; P2x6; P2xm
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209135 representing NM_011028
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGTTGCAGCCAGCAGGAAGCTGGGAACATGGCTTCTGCAGCCGAGCAGCACTCGTGAGCTGGGGT
 TTCTGGATTACAAGACGGAGAAATATGTGCTAACCAGGAAGCTGTCGGGTGGCGTCTCCCAGAGGCTGCT
 GCAGCTGGCAGTGGTAGTCTACGTGATAGGGTGGCCCTCTTGGCCAAAAAGGCTACCAGGAACGGGAC
 TTGGCCCCCTCAGACTTCTGTCTACCAAACTCAAGGGGTTTCTGTAACCCAGGTTAAGGAGCTGGAGA
 ACCGGCTGTGGGACGTGGCTGACTTTGTGAAGCCATCACAGGGAGAGAACGTGTTCTTCTGGTAACCAA
 CTTCTCGTGACACCAGCTCAAGTCCAGGGCAGATGTCCAGAGCATCCTCCGTTCTCTGGCTAACTGC
 TGGGCTGATGAAGACTGCCCGAAGGGGAGACGGGGACATACAGCCATGGCATAAAAACTGGTCAGTGTG
 TGGTGTCAACGGAACCCACAGGACCTGTGAGATCTGGAGCTGGTGGCCAGTGGAGAGTGGTGTGTGCC
 CAGGAAGCCCCTGCTAGCTCAGGCCAAGAATTACACTCTTTCATCAAAAATACTGTAACCTTCAGCAAG
 TTCAACTTCTCCAGATCCAATGCCTTATTAACCTGGGACAACACATATTTCAAGCATTGTCTCTATGATC
 CACTCTCCAGTCCGTACTGCCAGTGTCCGCATCGGGACCTTGTGGCCATGGCTGGAGGGGACTTTGA
 GGACCTGGCCTTGTGGTGGTGTGTGGCATCAGATTCACTGGGATTGCAACCTGGACACGAAAGGC
 TCTGACTGCTGTCCCAGTACTCCTCCAGCTGCAGCAGAAAGGTTACAACCTCAGGACAGCCAATCACT
 GGTGGGACGCTCAGGCGTGGAGACCCGGAGCCTGCTCAAGCTCTATGGAATCCGTTTTGACATTCTGT
 CACTGGGACAGGCAAGTTCGCGCTCATCCCTACGGCCATCACAGTGGGCACAGGAGCGGCTTGGCTG
 GGCATGGTCACCTTCTCTGTGACCTGTGCTACTGTATGTGGATAGAGAGGCCGTTTCTACTGGAGAA
 CCAATATGAAGAGGCAAGAGCCCCAAAGACGACTACCAACAGTTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_011028
Insert Size:	1170 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_011028.2</u> , <u>NP_035158.2</u>
RefSeq Size:	2362 bp
RefSeq ORF:	1170 bp
Locus ID:	18440
UniProt ID:	<u>O54803</u>
Cytogenetics:	16 A3
Gene Summary:	Receptor for ATP that acts as a ligand-gated ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).