

Product datasheet for **MC209136**

P2rx6 (NM_001159561) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2rx6 (NM_001159561) 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:	>MC209136 representing NM_001159561 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCAGTTGCAGCCAGCAGGAAC**TGGGA**ACATGGCTTCTGCAGCCGCAGCAGCACTCGTGAGCTGGGGT
TTCTGGATTACAAGACGGAGAAATATGTGCTAACCAGAACTGTCGGGTGGCGTCTCCAGAGGCTGCT
GCAGCTGGCAGTGGTAGTCTACGTGATAGGGTGGCCCTCTTGGCCAAAAAGGCTACCAGGAACGGGAC
TTGGCCCCCTCAGACTTCTGTATCACAAACTCAAGGGGTTTCTGTAACCCAGGTTAAGGAGCTGGAGA
ACCGGCTGTGGGACGTGGCTGACTTTGTGAAGCCATCACAGGGAGAGAACGTGTTCTTCTGGTAACCAA
CTTCTCGTGACACCAGCTCAAGTCCAGGGCAGATGTCCAGAGCATCCTCCGTTCTCTGGCTAACTGC
TGGGCTGATGAAGACTGCCCGAAGGGGAGACGGGGACATACAGCCATGGCATAAAAACTGGTCAGTGTG
TGGTGTCAACGGAAACCCACAGGACCTGTGAGATCTGGAGCTGGTGGCCAGTGGAGAGTGGTGTGTGCC
CAGATCCAATGCCTTATTAACCTGGGACAACACATATTCAAGCATTGTCTCTATGATCCACTCTCCAGT
CCGTA**CTGCC**AGTGTCCGCATCGGGACCTTGTGGCCATGGCTGGAGGGGACTTGGAGACCTGGCCT
TGCTGGTGGTGTGCTGTGGGCATCAGCATTCACTGGGATTGCAACCTGGACACGAAAGGCTCTGACTGTG
TCCCCAGTACTCCTTCCAGCTGCAGCAGAAAGGGTACAACCTTCAAGCAGCAATCACTGGTGGCAGCC
TCAGGCGTGGAGACCCGGAGCCTGCTCAAGCTCTATGGAATCCGTTTTGACATTCTTGTCACTGGGCAGG
CAGGGAAGTTCGCGCTCATCCCTACGGCCATCACAGTGGGCACAGGAGCGGCTTGGCTGGGCATGGTCA
CTTCTCTGTGACCTGCTACTGTATGTGGATAGAGAGGCCGTTTCTACTGGAGAACCAAAATATGAA
GAGGCAAGAGCCCCAAAGACGACTACCAACAGTTCAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001159561



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Insert Size:	1089 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_001159561.1, NP_001153033.1</u>
RefSeq Size:	2281 bp
RefSeq ORF:	1089 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 (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.