

Product datasheet for **RN202223**

P2rx6 (NM_012721) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: P2rx6 (NM_012721) Rat Untagged Clone
Tag: Tag Free
Symbol: P2rx6
Synonyms: P2rx11; P2x6; Rnap2x6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202223 representing NM_012721
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGTTGCAGCCAGCGGGAAGTGGGAGCATGGCTTCTGCAGTCGCAGCAGCACTAGTGAGCTGGGGT
TTCTGGATTACAAGACAGAGAAAATATGTGATGACCAGGAAGTCTGGGTGGGCATCTCCAGAGGCTGCT
GCAGCTCGGAGTGGTAGTCTACGTGATTGGGTGGCCCTCTTGGCCAAAAAGGCTACCAGGAATGGGAC
ATGGACCCCGAGATTTCTGTCATCACAAACTCAAGGGGTTTCTGTAACCCAGGTTAAGGAAGTGGAGA
AACGGCTGTGGGATGTGGCTGACTTCGTGAGGCCATCACAGGGAGAGAATGTGTTCTTCTGGTAACCAA
CTTCTTGTGACACCAGCTCAAGTCCAGGGCAGATGCCAGAGCATCCTTCTGTTCTCTGGCTAACTGC
TGGGCTGATGAGGACTGTCTGAAGGGGAGATGGGGACATACAGCCACGGCATAAAGACTGGTCAGTGTG
TGGCGTTCAACGGAACCCACAGGACCTGTGAGATCTGGAGCTGGTGGCCAGTGGAGAGTAGTGTGTGCC
CAGGAAACCCCTGCTAGCTCAGGCCAAGAACTTACGCTCTTTCATCAAAAATACTGTAACCTTCAACAAG
TTCAACTTCTCCAGAACCAATGCCTTAGATACCTGGGACAACACCTATTTCAAGTACTGTCTCTACGATT
CACTCTCCAGTCCGTACTGCCAGTGTTCGCGATCGGGGACCTTGTGGCTATGACTGGAGGGGACTTGA
GGACCTTGCAATTGCTGGGTGGTGTGTGGCATCAACATCCACTGGGATTGCAACCTGGACACGAAAGGC
TCTGACTGCTCTCCAGTACTCCTCCAGCTGCAGGAGAGGGGTACAATTTCCAGGACAGCTAATTACT
GGTGGGACGCTCAGGCGTGGAGTCCCGGAGCCTGCTCAAACCTATGGGATCCGCTTTGACATTCTGT
CACTGGGACAGGCAAGTTTGCCTCATCCCTACGGCCATCACAGTGGGCACAGGAGCAGCTTGGCTG
GGCATGGTCACCTTCTCTGTGATCTGTGCTACTGTACGTGGATAGAGAGGCCGGTTTCTACTGGAGGA
CCAAGTATGAAGAGGCAAGAGCCCAAGGCAACTACCAACAGTGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_012721
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_012721.2</u> , <u>NP_036853.2</u>
RefSeq Size:	2331 bp
RefSeq ORF:	1170 bp
Locus ID:	25041
UniProt ID:	<u>P51579</u>
Cytogenetics:	11q23
Gene Summary:	acts as an ATP-gated ion channel [RGD, Feb 2006]