

Product datasheet for **RN212520**

P2rx5 (NM_080780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2rx5 (NM_080780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P2rx5
Synonyms:	P2x5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212520 representing NM_080780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCAGGCGCCTGGAAGGGGTTTGTGCTGTCTGTTCGACTATAAGACTGCAAAGTTCGTGGTCCG
 CCAAGAGCAAGAAGGTGGGGCTGCTCTACCGGGTCTGCAGCTCATCATCCTGTTGTAAGTTCATATG
 GGTGTTTCTGATAAAGAAGATTATCAGGACATTGACACTTCCCTGCAGAGTGTGTGGTACCAAGTCC
 AAGGGGTGGCCTATACTAACACCACGATGCTTGGGGAACGGCTCTGGGATGTAGCAGACTTTGTCAATC
 CATCTCAGGGGAGAACGTTTTCTCGTGGTACCAACCTGATCGTACTCCTAACCCAGCGGCAGGGCAT
 CTGCGCTGAGCGTGAAGGCATCCCTGATGGCGAGTGTCTGAGGACGATGACTGTCACGCTGGGAGTCT
 GTTGTAGCTGGCACGGACTGAAAACCTGGCCGCTGTCTCCGGTGGGAACTCTACCCGGGAACCTGTG
 AGATCTTTGCTTGGTCCAGTGGAGACAAAGTCCATGCCAACGGATCCCCTTCTAAAGGATGCCGAAAG
 CTTACCATTTCATAAAGAATTTCATTGCTTCCCAAGTTCACCTTCTCCAAAGCCAATGTAAGTAAAG
 ACAGACAACAAACATTTCTGAAAACCTGTCACTTCAGCTCCACAAATCTCTACTGTCCCATCTTCGGAC
 TGGGGTCTATTGTCCGCTGGGCAGGGCAGACTTCCAGGACATAGCCCTGAAGGGTGGTGTGATAGGAAT
 CTATATTGAATGGGACTGTGACCTTGATAAAGCTGCCTCTAAATGCAACCCACACTACTTCAACCGC
 CTGGACAACAAACACACACTCCATCTCCTCTGGGTACAACCTCAGGTTCCGCCAGGATTAACCGTGACC
 TAATGGGGTAGAGTTCCGTGACCTGATGAAAGCTACGGCATCCGCTTTGATGTGATAGTTAATGGCAA
 GGCAGGAAAATTCAGCATCATCCCACAGTCATCAACATTGGTTCTGGGCTGGCGCTCATGGGTGCTGGG
 GCTTTCTCTGCGACCTGGTACTTATCTACCTCATCAGGAAGAGTGAGTTTTACCGAGACAAGAAGTTTG
 AGAAAGTGAGGGGTCAGAAGGAGGATGCCAATGTTGAGGTTGAGGCCAACGAGATGGAGCAGGAGCGGCC
 TGAGGACGAACCACTGGAGAGGGTTCGTACAGGATGAGCAGTCCCAAGAAGTGGCCAGAGTGGCAGGAAAG
 CAGAATAGCAACTGCCAGGTGCTTTTGGAGCCTGCCAGGTTTGGCTCCGGGAGAATGCCATTGTGAACG
 TGAAGCAGTCACAGATCTTGATCCAGTGAAGACG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_080780

Insert Size: 1368 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:

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: [NM_080780.2](#), [NP_542958.2](#)
RefSeq Size: 2436 bp
RefSeq ORF: 1368 bp
Locus ID: 113995
UniProt ID: [P51578](#)
Cytogenetics: 10q24
Gene Summary: an ATP-gated ion channel [RGD, Feb 2006]