

Product datasheet for RN206257

P2rx3 (NM_031075) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2rx3 (NM_031075) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P2rx3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206257 representing NM_031075 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACTGTATATCAGACTTCTTCACCTACGAGACTACCAAGTCGGTGGTTGTGAAGAGCTGGACCATTG
GGATCATCAACCGAGCCGTCCAGCTGCTGATTATCTCCTACTTTGTGGGTGGGTTTTCTGCATGAGAA
GGCCTACCAAGTGAGGGACACCGCCATTGAGTCCTCAGTAGTTACAAAGGTGAAAGGCTTCGGGCGCTAT
GCCAACAGAGTCATGGACGTGTCGGATTATGTGACCCACCCAGGGCACCTCTGTCTTTGTCATCATCA
CCAAAATCATCGTTACTGAAAATCAAATGCAAGGATTCTGTCCAGAGAATGAAGAGAAGTACCGCTGTGT
GTCTGACAGCCAGTGTGGCCTGAACGTTCCAGGTGGGGGATCCTCACCGGCCGCTGCGTGAATAC
AGCTCTGTTCTCCGACCTGTGAGATCCAGGGCTGGTGCCCACTGAGGTGGACACCGTGGAGATGCCTA
TCATGATGGAGGCTGAGAACTTCACATTTTCATCAAGAACAGCATCCGTTTCCCTCTCTTCAACTTTGA
GAAGGGAAACCTCCTGCCTAACCTCACCGACAAGGACATAAAGAGGTGCCGCTTCCACCCTGAAAAGGCC
CCATTTTGCCCATCTTGAGGGTAGGGGATGTGGTTAAGTTTGTGGACAGGATTTGCCAAGCTGGCCC
GCACGGGTGGCGTTCTGGGTATTAAGATCGGCTGGGTGTGCGATCTAGACAAGGCCTGGGACCAGTGCAT
CCCTAAATATTCCTTCACTCGGCTGGATGGAGTTTCTGAGAAAAGCAGTGTTCCTTGGCTACAACCTC
AGGTTTGCAAAATACTATAAGATGGAGAACGGCAGCGAGTACCGCACACTCCTGAAGGCTTTTGGCATCC
GCTTTGATGTGCTGGTATATGGGAACGCTGGCAAGTTCAACATCATCCCCACCATTATCAGCTCGGTGGC
GGCCTTCACTTCTGTGGAGTGGCACTGTTCTCTGTGACATCATCCTGCTCAATTTCTCAAAGGGCT
GATCACTACAAAGCCAGGAAGTTTGGAGAGGTGACTGAGACAACACTGAAGGGTACTGCGTCAACCAACC
CAGTGTTCGCCAGTGACCAGGCCACTGTGGAGAAGCAGTCTACAGACTCAGGGGCCATTCTATTGGTCA
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1970_f09.zip



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031075
Insert Size:	1194 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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:	NM_031075.1 , NP_112337.1
RefSeq Size:	3764 bp
RefSeq ORF:	1194 bp
Locus ID:	81739
UniProt ID:	P49654
Cytogenetics:	3q24
Gene Summary:	<p>ligand gated, cation-selective ion channel that is a receptor for ATP [RGD, Feb 2006] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>