

## Product datasheet for **RN208304**

### **P2ry4 (NM\_031680) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	P2ry4 (NM_031680) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P2ry4
Synonyms:	P2Y4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208304 representing NM_031680 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACCAGTGCAGAATCCTTGCTATTCACATCACTAGGTCCCAGCCCAAGTTCTGGAGATGGTGATTGTA  
GGTTTAATGAGGAGTTCAAGTTCATCCTGTTGCCTATGAGCTATGCAGTTGTGTTTGTGCTGGGCCTGGC  
CCTCAATGCTCCAACCTCTGGCTGTTCTCTCCGCCTTCGACCCTGGGATGCAACAGCCACCTACATG  
TTCCACCTGGCATTGTCAGACACCTTGATGTGCTGTCCTGCCCACCCTCGTCTACTACTATGCTGCCA  
GAAACCACTGGCCCTTTGGCACTGGCCTTTGCAAGTTTGTCCGCTTCTCTTCTATTGGAACCTCTACTG  
TAGTGTCTTTTCCCTCACCTGCATCAGTGTGCACCATACCTGGGTATCTGCCACCCTGCGGGCAATC  
CGCTGGGGCCGCGCTCGATTTGCAAGCCTTCTCTGCTGGGTGTTTGGTTGGTAGTAGCTGGCTGCCTCG  
TGCCCAATCTTTTCTTTGTGACAACCAATGCCAATGGAACCTACCTGTGCCATGACACTACTCTGCC  
AGAGGAGTTTGACCACTACGTCTACTTCAGTTCGGCAGTCATGGTGTCTCTTTGGTTTGGCCTTCTTG  
ATCACCTGGTCTGCTATGGACTCATGGCCCGGCGACTGTATCGACCTTTGCCAGGAGCTGGACAGTCAT  
CTTCTCGGCTCCGTTCCCTCCGTACCATGCTGTGGTGTGCTGACTGTCTTTGCTGTCTGCTTCGTGCCCTT  
CCACATCACCCGCACAATTTATTACCAGCAAGACTGTTGCAAGCTGACTGTGCTGCTGAACATTGTC  
AATGTGGTTTACAAGGTGACTCGACCCCTGGCCAGTGCTAATAGCTGTCTTGATCCAGTGTCTATCTCT  
TCACGGGGGACAAGTATCGAAACCACTCCAGCAGCTATGCCGAGGACGAAACCAAGCCCGAACAGC  
TGCCCTCTCCCTGGCCTTGGTACTCTACATGAGGAAAGCATCAGCAGGTGGGCGGACACCCACCAAGAC  
AGCACCTTCTCTGCTTATGAGGGAGATCGATT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

<b>ACCN:</b>	NM_031680
<b>Insert Size:</b>	1086 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031680.1</a> , <a href="#">NP_113868.1</a>
<b>RefSeq Size:</b>	1177 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	63843
<b>UniProt ID:</b>	<a href="#">O35811</a>
<b>Cytogenetics:</b>	Xq22
<b>Gene Summary:</b>	has purinergic nucleotide receptor activity; displays strongest agonist potency for ATP, UTP, ITP; may play a role in regulation of hepatic bile secretion [RGD, Feb 2006]