

Product datasheet for **SC212289**

P2Y2 (P2RY2) (NM_176072) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P2Y2 (P2RY2) (NM_176072) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	P2RY2
Synonyms:	HP2U; P2RU1; P2U; P2U1; P2UR; P2Y2; P2Y2R
ACCN:	NM_176072
Insert Size:	2000 bp



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Insert Sequence:

>SC212289 3'UTR clone of NM_176072

The sequence shown below is from the reference sequence of NM_176072. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCGAGAACACTAAGGACATTCGGCTGTAGGAGCAGAACAACCTTCAGCCTGTGCAGGTTTATATTGGGAA
GCTGTAGAGGACCAGGACTTGTGCAGACGCCACAGTCTCCCCAGATATGGACCATCAGTGACTCATGCT
GGATGACCCCATGCTCCGTCATTTGACAGGGGCTCAGGATATTCCTGTGGTCCAGAGTCAACTGTT
CCCATAACCCCTAGTCATCGTTTGTGTATAAGTTGGGGGAATTAAGTTTCAAGAAAGGCAAGAGCTC
AAGGTCAATGACACCCCTGGCCTGACTCCCATGCAAGTAGCTGGCTGACTGCCAAGGTACCTAGGTTG
GAGTCCAGCCTAATCAAGTCAAATGGAGAAACAGGCCAGAGAGGAAGGTGGCTTACCAAGATCACATA
CCAGAGTCTGGAGCTGAGCTACCTGGGGTGGGGCCAAGTACAGGTTGGCCAGAAAACCCTGGTAAGT
AATGAGGGCTGAGTTTGCACAGTGGTCTGGAATGGACTGGGTGCCACGGTGGACTTAGCTCTGAGGAGT
ACCCCCAGCCCAAGAGATGAACATCTGGGGACTAATATCATAGACCCATCTGGAGGCTCCATGGGCTA
GGAGCCAGTGTGAGGCTGTAACCTATACTAAAGGTTGTGTTCCTGCTGAGCTGTGCCCTATTGTGTGG
TCGGGGGATGAGGATATGGCAGGGAAGCTTTCACCAGCCACACAAGGGTCTTTCTCCAATCCGTTCCC
TTCTGCCACCTGCCTTCTCACTAGCTGTCTCAGGAGTAGTCTCATATCAGGGATCCTCTCTCCAGGCC
CAGGTCATCCCCACTGTAAAGCCAGTTGGCTTCTGTGCCTGACTCTGTGCTGAGCACAGAGAAAAGTC
AGGTGCAGTCCCAGTCTTGAGATTTCCAGTTTAGGTGATGGCCAGTCAATGTGCTGGAATGTTAAG
CCATTTAACTGGAGCTCCGATTTAACTGGGAACCCCTTCTTTGTAGAAGTCCCAATTTCCATGGTGCAA
AAACTCTTATGGCCAAATTCAAACTATAAACATGATGTCAACTCCTTGTAAAATTCCTGAAAATTTAA
CAATTGGTTCTTGCAAGCAGGTACAAGTCACTCTAGCACACCACTGGATAATGCCGAGTGGCTGGGGCT
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GCTCACCGGAAGAACATCCACACACAGGATGCATCCCAGGCAAAGACATGGGGCAAGAGGCGAGGTTGT
GCATGAGCCATAAGCAGGCTGGACAGCTGACTCCAGGCTCAAGGCAGGTTGGGGCTGGGTCAACAAGGA
GGCCAAGTTAGGGCTCCCTCCTTGCCTGACCCTGAGGCTTCTTTGCACTGGGGTAAATGAAAAGA
GATTCACCTCCTCCTGTCATCGTCTGCCTTCTGGGAAAATCCCAGAATGGCAGGTTGGTCTCAGG
CTGGGTGACGACTTAGTATGGGGGAGATGGTCTCACCTATGATAGGTTCTGAGTCTAGCCAGGACCAC
TCTGGGCTGACGTGTGGCCTCAGCTGGACAGGGCCCCGCCCTAGCCTTTGGAAAGGACAGGGCAAAG
CTGACAGGCCTCACTCTTGATCTCAAGGACAGGACTCCCTCCTCTCCCTCTGGGAGAGCCTCGCCCT
GTGGCCCACTCTGCCTGCCCCCTCTGACCTCTCCACCCTTCCCACTCTGCCTTGTGAAAGGCAGGACAT
CCCCAAAGCTTGCTGTATTTGGAGCCTGACTCCACAGCGCCCTCATGTGACAGAGACCCATCACAGACC
ATGACCCAAATGATTACTCTGTACTGTGCCAGGTGGGTGACCTGCCCAGAATAGTGTGAGCTATTACC
TCTCACCTTCTAGGTTCTATACTTCTGTTAATGTAGCCGATGTCTTCTGAGTTTTTTTTTTCTTTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_176072.3](#)

Summary:

The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor, found on many cell types, is activated by ATP and UTP and is reported to be overexpressed on some cancer cell types. It is involved in many cellular functions, such as proliferation, apoptosis and inflammation. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Mar 2013]

Locus ID:

5029

MW:

72.7