

Product datasheet for SC213589

P2X1 (P2RX1) (NM_002558) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: P2X1 (P2RX1) (NM_002558) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: P2RX1
Synonyms: P2X1
ACCN: NM_002558
Insert Size: 1252 bp
Insert Sequence: >SC213589 3'UTR clone of NM_002558
 The sequence shown below is from the reference sequence of NM_002558. 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
GGCCTGCAGGAGAACATGAGGACATCCTGATGCTCGGGCCCCAACTCCTGACTGGGTGCAGCGTGAGGC
TTCAGCCTGGAGCCCTGGTGGTCCCAGCCAGGGCAGAGGGCCCTCCCCAGGAAGTCTCCTACCCCTCTC
AGCCAGGCAGAGAGCAGTTTGCCAGAAGCTCAGGGTGATAGTAGGAGAGACCTGTGCAAATCTGAGCT
CCGGCTCCGACCCACACACCCTGAGGGAGCCCTACCCTAGCCTCAGCCGCTCCTGGTGGGAATGGCT
GGGGCTGGGCAGGACCCTCCACACACCTGCACCCTAGCTTCGTGCTTCTCTCCGGACTCTCATTAT
CCAACCCGCTGCCTCCATTTCTAGATCTGTGCTCTCCGATGTGGCAGTCAGTAACCATAGGTGACTA
AATTAACATAAAATAAATAAGAAATGAAACACAAAATTCATTCTCGGCTGAACTAGCCACATTTCAAC
TGCTCAGTAGATACGTGTGGTTAGTGGCTGCCATACTGGACAGCTCGGGCATTTCCTACTGTCAAAGAA
AGTTCTATTAGACAGCCCTGCTTGAGCCCTGTTTCTTCCCTGGCCTTCGGTTTCCCTGGGAACTTATCG
ACAATGCAAGCTCCTGGGCCACCCCCAGACCTCCTGAACAAAAGCTCCAGGGCTGGCCGTATGATCT
GTGTGGATGGCAAACCTCCCAGGCCATTCTGGACCTAAGTTTAAGAAGTGCCGTCTCGAACTTTCTG
ACTCTAAGCTCCTGAGCGGGAGTCAGACTTAGCCCTGAGCCTGCACTTCTGTTCAAGTGACAGACTG
AACAGGGTCTCAAACACCTTCAGCATGTGTGTGTGTGCTCACGTGCCACACAGTGTCTCATGCACACA
ACCCAGTGTACACACCACCTACGTGCACACAGCATCCTTCCACACTGTGTATGTGAACAGCTTGGGCCC
TGCAAACACAACCATCTACACACATCTACACCCCAAGCACACACATGGTCCGTGCCATGTCACTC
CATAGGGAAAGGCTTCTCTCAAAGTGTGCCAGGCCAGGACAGCCCTCCCAGCCATGAATCCTTACTCAG
CTACCTCGGGTTGGGGTGGGAGCCCCAGCAAATCCTGGGCTCCCTGCCTGTGGCTCAGCCCCAGCTCC
CAAGGCCTGCCTGGCTCTGTCTGAACAGAAGGTCTGGGGAAGCGACGGGTGGAGTACAATAAAGGGAA
TGAGGACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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| 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_002558.4 |
| Summary: | The protein encoded by this gene belongs to the P2X family of G-protein-coupled receptors. These proteins can form homo-and heterotimers and function as ATP-gated ion channels and mediate rapid and selective permeability to cations. This protein is primarily localized to smooth muscle where binds ATP and mediates synaptic transmission between neurons and from neurons to smooth muscle and may being responsible for sympathetic vasoconstriction in small arteries, arterioles and vas deferens. Mouse studies suggest that this receptor is essential for normal male reproductive function. This protein may also be involved in promoting apoptosis. [provided by RefSeq, Jun 2013] |
| Locus ID: | 5023 |
| MW: | 45.1 |