

Product datasheet for **SC200337**

P2X3 (P2RX3) (NM_002559) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P2X3 (P2RX3) (NM_002559) Human 3' UTR Clone
Symbol:	P2X3
Synonyms:	P2X3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002559
Insert Size:	2000 bp



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Insert Sequence: >SC200337 3'UTR clone of NM_002559
 The sequence shown below is from the reference sequence of NM_002559. 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
GATTCGGGGCCTTCTCCATAGGCCACTAGGGCCTTTCCAGGGCCCCACACTCACAAGGCTCCAGG
CCTCCCCACAGAGACCCTGCCTGAGCAAGGGGCATGGGAGGGAAGAGGGGCTCTCATTTCTGCTGCTC
ATTCCATGAGCATAGCTGGGACCAAGTGTCTGGGCTCCGACTGCTCCAGCAGACAGGCAGTGCTCCC
TGCTGAGACCCCAATCTCACCTTCACTCCTTGCCCTGGCCCATCTGCTTCTAGGACCCCTGGGGCAGG
AGCACCTGAGCCATCCCCTTCCCAAAGAGTAGAGATTATAATGTAGGACAGATGGCCACAAGGGCTAC
CAAGTGCCAGGCATTTACACACGTTATCTCATTTAATCCTTAGAATAATCCTATGAGGTAGATATTA
GTTTCCCTTGTTTGAAGATAAACCAAGGCTCAGAGAGACTGAGTCATTTGCCCCAGGCCAGATAGCCA
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ATGAACTCCCAGGTCCATCAGCCCTGCTGCTTACGCCGCTCCACCCTGACGGTATTCCGTTAATAA
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GGACCCCATCTCTGACTTGGGTGCATCCAAAATTTAGAAGGAAACAGAAGGCATGGCTGTGAGTGAATT
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ATTTTCTAAGGTTAGAAGCTAAAGGGCCTTTTAAACCATCTTATCTAACCTCTTGCTTACAGATGAG
CAAAGTGAAGCCAGAAAGGGGAAATGACTGGTTCAGTGCCACAGTTCATGGCCAAAAGGAACCCCAT
GTCCTGGCCCTTCAAGGAAGGAGCAAGAACAGGAAGCTGGATCCATTGACCCAGACATCCTCTATCCC
CTTTCTGTCTCTCTACAGTGAGAGGCCAGAAATTGCCCCAGGGCAGGGCTCTGGGGCAGAACCAGG
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TCAGAGTGGGCATGATCATGAGGTCTTAGCTGCACCAGCTCAACTGTAGATGGAGGGCGGCCCTCAAC
ACACGGCACAGGAAGTGGGAAGGGACAGCTTCAGGAGTAGTTCAGGAGGCTCAAATGGTGGTACTTG
CAAAGGCCTTGCCCAATGACCCCGCTCCAGGGGGAGAAGGGTAAGACCCACCCACATAAAGCTCA
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GAAGGCAGCACCACATTCTCACCTGGGACTCCCCAGGCATCCCTGGGGAAATCAGCTCTTGGGAGGC
TGGGGTCACAGGATTCTCTAATGGGGAGATGGAGGCAGTGGTGTCTGAAGGGACCCCTCCCCCA
ACCCCTCCCTTTTACCCAGATGGAGGTGGTCTCTGTAGGTGCCTCCGCCCTCTGGAGCCGGCCAG
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCCAGCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_002559.5](#)

Summary:

This gene encodes a member of the P2X purinergic receptor (purinoceptor) gene family which includes seven members (P2RX1 - P2RX7). P2X purinoceptors are a family of cation-permeable, ligand-gated ion channels that open in response to the binding of extracellular adenosine 5'-triphosphate (ATP). The encoded protein is a subunit of the trimeric P2X3 receptor ion channel which is expressed by sensory or autonomic neurons. A deficiency of the orthologous protein in mice is associated with reduced pain-related behavior and urinary bladder hyporeflexia. [provided by RefSeq, Aug 2017]

Locus ID:

5024

MW:

72.9