

Product datasheet for **SC214526**

P2X6 (P2RX6) (NM_005446) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P2X6 (P2RX6) (NM_005446) Human 3' UTR Clone
Symbol:	P2X6
Synonyms:	P2RXL1; P2X6; P2XM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005446
Insert Size:	1421 bp



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Insert Sequence: >SC214526 3'UTR clone of NM_005446
 The sequence shown below is from the reference sequence of NM_005446. 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
CACTTGCCAACCCATTCCGGGAGCCTGTAGCCGTTCCCTGCTGGTTGAGAGTTGGGGCTGGGAAGGGC
GGGGCCCTGCCTGGGATCTCAAGGATGAGGCCCCAGCATGGAGGATTGGGGGTAGAATCCACCCTTG
AACCCAGCAGACAGTCCCTCCCCTGACTCCCACCTTGGTAGGGTCTGCCTCAGGGAGCCATAGAAGT
CGGCTGTGTTTTGAGACGGCGACAGAACCTGACCCGTGGAGACTGGGAGAGCCCAGCAGGCACCTGTAT
TGCAGGGCTCCGACTGCATGTGGCAGGGGCTCCTGCTGCGTCTGGGCTGGAGGTCTCTCTCCAGTGC
TCTGTCCCAGTGTTCCTAGCAGAGGTATGCTTACCAGCTGTCAGCACAGACCCTCCTGCTGCCTGGGT
CCTGGCCCTCCTCCCCATCTGCACCCCATCATAGGTAGAGACCCACCCTCCCATCGTCTACATG
GGCTGTGCAGCTGGAGCCAAAAGGCAAGGTAGAAAAGAGGAGTATGGGGGAGGGGATTGTTTACAGC
TTCTCTGGTGCTGTGATGCCCCAGGAGAGTCTAATCTAGGGAATGGGGTGGAGTAGGCAGATAATCCA
CCTCCCTATCCCCAGGCAAGGGCGGAGCATGTGTCTTGGGCCACACCTGCTTAGTTTATGAGGACCG
GCTGCTTCCAGTGGTAGCCCTTTGCCATGGAGGTCTGGGAGAGAGAGCAGAGGGCGGCAGGGCTAAG
TTGGTGATCATTGGGTTCTTCAGACCTTCTATATCCCTCCTCGGTAACCCCCAGCCCAACCCCTTGG
AATCTTCTCCAGGCTTCTGAGAGCCCTGGGGTGGGAGGCTGTGGGAGGCTGTACATCTGAAATTC
ACTTCAGTCCAAGTCATACCTAGGAAGCTGTCTGGGCAGCTGCTCGAGGGAGGCCCTGGCTCTGATCCC
AGGCTGGATGGAGTGGCTGGAAGGAATGGTTCCAAACAACACCACCGAGATCTCCCTCAGGCTGGCCAG
GTTTTGCAGCTGGAATTCCTCTTGGTCCCAGGGCGGGCAGGGAATTCTAAGTGTCCACCCAGGGA
GGCAAGGGGCTGCTTTCCACTGTGGTACCTGGTGATCAGGGCAAGCTGTGGAGGCCAGGGGTGGGGC
TGAGACTGGGCTGACATCTAGAATCACCTGCCACCTGGAGCCTCAGTAAAATGCCTGGGGTCCCTGCTG
CCTCTCAATCTCCAGAGCCATGTCCATGGGAGGTGGGCTCTGAAGGGCGAAGGTGGGAGAGCAGGGCC
CCTGAGGCCTGGGTATCCAAGGAGGGGCACGTGCACCTGATTCTCCTTGGGGCCAGAGGAAGCTGATG
TCATGGCTGGACAAAGTCACGGAGTAAAGCCAGCAAAGCCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_005446.5](#)

Summary: The protein encoded by this gene belongs to the family of P2X receptors, which are ATP-gated ion channels and mediate rapid and selective permeability to cations. This gene is predominantly expressed in skeletal muscle, and regulated by p53. The encoded protein is associated with VE-cadherin at the adherens junctions of human umbilical vein endothelial cells. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 22, has been identified. [provided by RefSeq, Apr 2009]

Locus ID: 9127

MW: 50.3