

Product datasheet for **RR203697**

P2rx7 (NM_019256) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2rx7 (NM_019256) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	P2rx7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR203697 representing NM_019256
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCTTGCAGCTGGAACGATGCTTTTACAGTATGAGACAAACAAAGTCACCCGGATCCAGAGCG
 TGAATTACGGCACCATCAAGTGGATCTTGACATGACCGTCTTTTCTAGGTTAGCTTTGCTTTGATGAG
 CGACAAGCTATATCAGCGGAAGGAGCCCTTATCAGCTCTGTGCACACCAAGGTCAAAGGCGTTGCAGAG
 GTGACAGAGAATGTCACGGAGGGCGGGGTGACGAAGTTAGTACACGGCATCTTCGACACGGCCGACTACA
 CCCTCCCTTTGCAGGGAACTCGTTCTTTGTAATGACAAATTATCTCAAGTCAGAAGGCCAAGAACAGAA
 GCTGTGCTCCTGAGTATCCAGCCGCGTAAACAGTGCCATTCTGACCAGGGTTGTATAAAAGGATGGATG
 GACCCACAAAGTAAAGGAATCCAGACCCGCGAGGTATACCTTACGACCAGAAGAGGAAGACCTGTGAAA
 TCTTTGCCTGGTCTCCTGCTGAGGAAGGGAAAGAACCCACGGCTGCCTCTTGAGGAGCGCCGAAAA
 CTTACCGTACTCATCAAGAACAATATCGACTTCCCGGGCCAACTATACTACGAGAAACATCTTACCA
 GGTATGAACATCTCTGTACCTTTCACAAGACTTGAACCCCTCAGTGTCCCATCTCCGGCTAGGGGACA
 TCTCCAGGAAATCGGAGAGAATTTACAGAGGTGGCAGTTCAGGGAGGAATCATGGGCATTGAGATCTA
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 AAGTACACCAATGAGTCCCTGTTCCCTGGCTACAACCTCAGATACGCCAAGTACTATAAGGAAAAATGGCA
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 GTAAGATCGTGTATCCAGAGAGCCCTGCAGCTCCTCCTGCTTACCAGGAGCCCTTGTGGCGTGGAA
 GGGAGAGGCCATCAACAGCAAGCTGCGACTGTGCGTACAGGAGCTATGCCACCTGGCGCTTTGTCTCC
 CAAGACATGGCCGACTTTGCCATTCTGCCAGCTGCTGCCGCTGGAAGATCCGGAAGGAGTCCCAAGA
 CCCAGGGCAGTACAGTGCTTCAAGTATCCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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 Red=Cloning site Green=Tags(s)

MPACCSWNDVFQYETNKVTRIQSVNYGTIKWILHMTVFSYVVSFALMSDKLYQRKEPLISSVHTKVKGVAE
 VTEENVTEGGVTKLVHGI FDTADYTLPLQNSFFVMTNYLKSEGQEQKLCPEYPSRGKQCHSDQGCIGWMM
 DPQSKGIQTGRICIPYDQKRKTCEIFAWCPAEEGKEAPRPALLRSAENFTVLKNNIDFPGHNYTTRNILP
 GMNISCTFHKTWNPQCPIFRLGDIQEIGENFTEVAVQGGIMGIEIYWDCNLDSSHRCQPKYSFRRLDD
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 IDLIINTYASTCCRSRVYPSCKCCEPCAVNEYRKKCEPIVEPKPTLKYVSFVDEPHIWMVDQQLLGKS
 LQDVKGQEVPRPQTDLEL SLSLHHSPIPGQPEEMQLLQIEAVPRSRDSDWCQCGNCLPSQLPEN
 RRAL EELCCRRKPGQCITTS ELF SKIVLSREALQLLLL YQEPLLALEGEA INSKLRHCAYRSYATWRFVS
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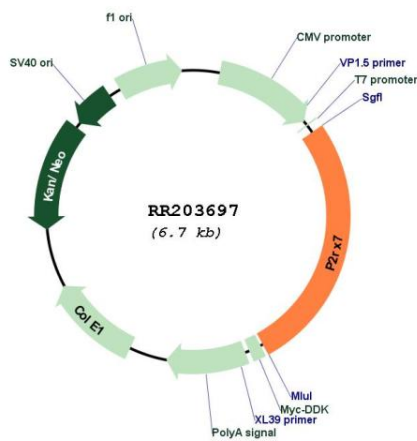
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

RefSeq: [NM_019256.1, NP_062129.1](#)
RefSeq Size: 3540 bp
RefSeq ORF: 1788 bp
Locus ID: 29665
UniProt ID: [Q64663](#)
Cytogenetics: 12q16
MW: 68.4 kDa
Gene Summary: an ATP receptor; may be involved in fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells [RGD, Feb 2006]

Product images:



Circular map for RR203697