

Product datasheet for **MR227216A1V**

Mouse P2rx7 (NM_011027) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse P2rx7 (NM_011027) AAV Particle
Tag:	Myc-DDK
Symbol:	P2rx7
Synonyms:	AI467586; P2X(7); P2X7R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227216 representing NM_011027
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCTTGCTGCAGCTGGAACGATGTCTTGACAGTATGAGACAAACAAAGTACCCGGATCCAGAGCA
 CGAATTATGGACCGTCAAGTGGGTCTTGACATGATCGTCTTTCTACATTAGCTTTGCTTTGGTGAG
 CGATAAGCTGTACCAGCGGAAAGAGCCTGTTATCAGCTCCGTGCACACCAAGGTCAAAGGCATAGCAGAG
 GTGACGGAGAATGTACAGAGGGTGGGGTGACGAAGTTAGGACACAGCATCTTTGACACTGCAGACTACA
 CCTTCCCTTTGCAGGGGAACCTATTCTTTGTCATGACAACTATGTCAAGTCAGAAGGCCAAGTGCAGAC
 GCTGTGCTCTGAGTATCCAGGCGCGGTGCACAGTGTCTTCTGACCGCGCTTGTAAAAAGGGTGGATG
 GACCCACAGAGCAAAGGAATCCAGACTGGCAGGTGTGTTCCATATGACAAGACAAGGAAGACCTGTGAAG
 TCTCTGCCTGGTGTCTACTGAGGAGGAGAAAGAAGCTCCCCGACCTGCACTCTTGAGGAGCGCCGAAAA
 CTTACCGTACTCATCAAGAATAATATCCACTTCCCCGCCACAACCTATACCACGAGAAACATCTTGCCA
 ACTATGAACGGCTCTTGTACCTTTCACAAGACTTGGGACCTCAGTGTTCCATCTTCCGACTAGGGGACA
 TCTTCCAGGAAGCAGGAGAGAACTTTACAGAGGTGGCAGTTTCCAGGAGGAATCATGGGTATCGAGATCTA
 CTGGGATTGCAACCTAGACAGCTGGTCCCATCACTGCCGACCCAGGTACAGCTTCCGCCCGCTGGATGAC
 AAGAACACGGATGAGTCTTTCGTCGCCCGCTACAACCTCAGATATGCCAAGTACTATAAGGAGAACAAATG
 TGGAAAAGCGGACGTTGATCAAAGCCTTCGGCATCCGTTTTGACATCTGGTTTTCGGCACTGGAGGAAA
 ATTTGACATCATCCAGCTGGTTGTATACATTGGATCCACCCTGTCCTACTTTGGCTTGGCCACTGTGTGC
 ATTGACTTGCTCATCAACACATACTCCAGTGCTTTCTGCAGGTGGGGGTTTACCCTACTGTAAGTGCT
 GTGAGCCCTGCACAGTGAACGAGTATTACTACAGAAAGAAGTGTGAGTCCATCATGGAACCAAGCCGAC
 GTTGAAGTATGTGTCTTTGTGACGAGCGCACATTTCGATGGTGGACAGCAGCTGCTTGGGAAAAAGT
 CTGCAAGTTGTCAAAGGCCAAGAAGTTCCAAGACCCAGATGGACTTCTCCGACCTGTCTAGGCTGTCCC
 TATCTCTCCACGACTACCCCTGACTCCTGGACAATCTGAGGAAATTCAGCTGCTCCATGAAGAGGTGGC
 CCCTAAGTCCGGGACAGCCGAGTTGGTGCCAGTGTGGAATTCCTCCCGTCTCGCTACCGGAGCAA
 CGCAGGGCCCTGGAGGAGCTGTGCTGCCGAGGAAGCCGGGGCGGTGCATCACCACTCCAAGCTCTTCC
 ATAAGCTCGTGTGTCCGAGACACCCTGCAGCTCCTCTGCTTTACCAGGATCCCTTGTGGTGTCTGGG
 GGAAGAGGCCACCAACAGCAGGCTGCGACACCGTGCTTACAGGTGCTATGCCACCTGGCGCTTCGGCTCC
 CAGGACATGGCCGACTTTGCCATTCTGCCAGCTGTTGCCGCTGGAGGATCCGGAAGGAGTTCCCAAGA
 CCGAGGGGCAGTATAGTGGCTCAAGTATCCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MPACCSWNDVLQYETNKVTRIQSTNYGTVKWLHMIVFSYISFALVSDKLYQRKEPVISSVHTKVKGIAE
 VTENVTEGGVTKLGHSIFDTADYTFPLQGNFFVMTNYVKSEGQVQTLCPYPRRGAQCSSDRRCKKGWM
 DPQSKGIQTGRCPYDTRKTCEVSAWCPTEEKEAPRPALLRSAENFTVLKNNIHFPHGNYTTRNLP
 TMNGSCTFHKTWDPQCSIFRLGDIQEAGENFTEVAVQGGIMGIEIYWCNLDWSHHCRPRYSFRRLDD
 KNTDESFPVPGYNFRYAKYYKENNVEKRTLKAFGIRFDILVFGTGGKFDIIQLVYVIGSTLSYFGLATVC
 IDLLINTYSSAFCRSGVYPYCKCEPCTVNEYRKKCESIMEPKPTLKYYVSFVDEPHIRMVDQQLLGKS
 LQVYVKGQEVPRPQMDFSLSLRLSLHDSPLTPGQSEIQLLHEEVAPKSGDSPSWCQCGNCLPSRLPEQ
 RRALEELCCRRKPGRCITTSKLFHKLVLSDTLQLLLLQDPLLVLGEEATNSRLRHRYRCYATWRFSG
 QMDADFALPSCCRWRIRKEFPKTEGQYSGFKYPY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_011027
ORF Size:	1785 bp
Buffer:	PBS with 0.001% Pluronic F4248
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_011027.2</u>
RefSeq Size:	4931 bp
RefSeq ORF:	1788 bp
Locus ID:	18439
UniProt ID:	<u>Q9Z1M0</u>
Cytogenetics:	5 F
MW:	68.8 kDa