

Product datasheet for **RC204159A1V**

Human P2Y2 (P2RY2) (NM_002564) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human P2Y2 (P2RY2) (NM_002564) AAV Particle
Tag:	Myc-DDK
Symbol:	P2Y2
Synonyms:	HP2U; P2RU1; P2U; P2U1; P2UR; P2Y2; P2Y2R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204159 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGCAGACCTGGGCCCTGGAATGACACCATCAATGGCACCTGGGATGGGGATGAGCTGGGCTACA
GGTGCCGCTTCAACGAGGACTTCAAGTACGTGCTGCTGCTGTGTCTACGGCGTGGTGTGCGTGCTTGG
GCTGTGTCTGAACGCCGTGGCGCTCTACATCTTCTGTGCCGCTCAAGACCTGGAATGCGTCCACCACA
TATATGTTCCACCTGGCTGTGTCTGATGCACTGTATGCGGCCTCCCTGCCGCTGCTGGTCTATTACTACG
CCCGCGGCGACCACTGGCCCTCAGCACGGTGTCTGCAAGCTGGTGGCTTCCCTTTACACCAACCT
TACTGACGATCCTCTTCTCACCTGCATCAGCGTGCACCGGTGTCTGGGCGTCTTACGACCTCTGCGC
TCCCTGCGCTGGGGCCGGGCCCTACGCTCGCCGGTGGCCGGGGCCGTGTGGGTGTTGGTGTGGCCT
GCCAGGCCCGTGTCTACTTTGTACCACCAGCGCGCGGGGGCCGCTAACCTGCCACGACACCTC
GGCACCCGAGCTCTTACGCCCTTCGTGGCCTACAGCTCAGTCATGCTGGGCTGCTCTTCGCGGTGCC
TTTGCCGTCATCCTTGTCTGTTACGTGCTCATGGCTCGGCGACTGCTAAAGCCAGCCTACGGGACCTCGG
GCGGCTGCTAGGGCAAGCGCAAGTCCGTGCGCACCATCGCCGTGGTGTGGTGTCTTCGCCCTCTG
CTTCTGCCATCCACGTCAACCGCACCTCTACTACTCTTCCGTTGCTGGACCTCAGCTGCCACACC
CTCAACGCCATCAACATGGCCTACAAGTTACCGGCCGCTGGCCAGTGCTAACAGTTGCCTTGACCCCG
TGCTCTACTTCCCTGGCTGGGCGAGAGCCTCGTACGCTTTGCCCGAGATGCCAAGCCACCCACTGGCCCGAG
CCCTGCCACCCCGGCTCGCCGAGGCTGGGCTGCGCAGATCCGACAGAAGTACATGCAGAGGATAGAA
GATGTGTTGGGCGAGCTGAGGACTCTAGGCGGACAGAGTCCACGCCGGCTGGTAGCGAGAACACTAAGG
ACATTCGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC204159 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MAADLGPWNDTINGTWDGDELGYRCRFNEDFKYVLLPVSYGVVCVLGLCLNAVALYIFLCRLKTWNASTT YMFHLAVSDALYAASLPLLVYYYARGDHWPFSTVLCKLVRFLFYTNLYCSILFLTCISVHRCLGVLRLR SLRWGRARYARRVAGAVWVVLACQAPVLYFVTT SARGGRVTCHDTSAPELFSRFVAYSSVMLGLLFAVP FAVILVCYVLMARRLLKPAYGTSGGLPRAKRKSVRTIAVVLAVFALCFLPFHVTRTLYYFSRSLDLSCHT LNAINMAYKVTRPLASANSCLDPVLYFLAGQSLVRFARDAKPPTGPPATPARRRLGLRRSDRTDMQRIE DVLGSSEDSRRTSTPAGESENTKDIRL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002564
ORF Size:	1131 bp
Buffer:	PBS with 0.001% Pluronic F68
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:	NM_002564.2
RefSeq Size:	8602 bp
RefSeq ORF:	1134 bp
Locus ID:	5029
UniProt ID:	P41231
Cytogenetics:	11q13.4
MW:	42.2 kDa