

Product datasheet for **MR229557A1V**

Mouse P2ry2 (NM_001302347) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	P2ry2
Synonyms:	P2U1; P2Y2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR229557 representing NM_001302347 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCAGACCTGGAACCTGGAATAGCACCATCAATGGCACCTGGGAGGGGACGAACTGGGATACA
AGTGTCTGTTTCAACGAGGACTTCAAGTACGTGCTGTTGCCGTGTCCTATGGCGTGGTGTGCGTGCTCGG
GTTGTGCTGAACGTCGTGGCTCTCTATATCTTCCTATGCCGCTCAAAACCTGGAACGCCTCCACCACC
TACATGTTTACCTGGCAGTTTCGGAATCTCTACGACGCTCCCTGCCGCTGTTGGTTTATTACTACG
CCCGGGGTGACCACTGGCCATTTAGCACGGTGCTGCAAGCTGGTGCCTTCTCTACACCAACCT
CTACTGCAGCATCTCTTCCTACCTGCATCAGCGTGACCGGTGCCTGGGAGTCTGCGCCCTCTGCAC
TCCCTGCGTTGGGGCCGGGCCGTTATGCCCGCCGGTGCTGCGGTTGTGTGGGTGCTGGTGTGCGCT
GCCAGGCACCGTCTCTACTTCGTACCAACGAGCGTGCGGGGAACCCGGATCACTTGCCATGACACCTC
GGCCCGAGAGCTCTTAGCCATTTTGTGGCTTACAGCTCCGTATGCTGGGTCTGCTTTTGTGTGCCC
TTTTCCGTAATCCTGGTCTGTACGTCTTATGGCCAGGCGGCTGCTCAACCCGGCTTATGGGACCACAG
GAGGTCTGCCTCGGGCCAAGCGCAAGTCTGTGCGCACCATTGCCTTGGTACTGGCCGTCTTCGCCCTCTG
CTTCCTGCCTTTCCACCTCACGCGCACCTCTACTACTCTTCCGATCACTTGACCTCAGCTGCCACACC
CTCAACGCCATCAACATGGCATATAAGATCACCGGCCGCTGGCCAGCGCCAACAGTTGTCTTGACCCGG
TACTCTACTTCTGGCAGGGCAGAGACTTGTCCGCTTTGCCGAGATGCCAAGCCACCCACGGAGCCTAC
CCCCAGCCACAGGCTCGTCGAAGCTGGGCTGCACAGGCCTAACAGAAGTGTGAGGAAAGATTGTCA
GTCAGCAGTGACGACTCAAGACGGACAGAGTCCACACGAGCTGGAAGTGAGACTAAGGACATTTCGGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229557 representing NM_001302347 Red=Cloning site Green=Tags(s) MAADLEPWNSTINGTWEGDELGYKCRFNEDFKYVLLPVSYGVCVLGLCLNVVALYIFLCRLKTWNASTT YMFHLAVSDSLYAASLPLL VYYYARGDHPFSTVLCKLVRFLFYTNLYCSILFLT CISVHRCLGVLRLPH SLRWGRARYARRVA AVVWVLVACQAPVLYFVTTSVRGTRITCHDTSARELF SHFVAYSSVMLGLLFAVP FSVILVCYVLMARRLLKPAYGTTGGLPRAKRKSVRTIALVLAVFALCFLPFHLTRTL YYSFRSLDLSCHT LNAINMAYKITRPLASANSCLDPVLYFLAGQRLVRFARDAKPPTEPTSPQARRKLG LHRPNRTVRKDLS VSSDDSRRTSTPAGSETKDIRL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001302347
ORF Size:	1119 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:	<u>NM_001302347.1, NP_001289276.1</u>
RefSeq Size:	2820 bp
RefSeq ORF:	1122 bp
Locus ID:	18442
UniProt ID:	<u>P35383</u>
Cytogenetics:	7 E2
MW:	42.2 kDa