

Product datasheet for **RC227878A1V**

Human MX1 (NM_001144925) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MX1 (NM_001144925) AAV Particle
Tag:	Myc-DDK
Symbol:	MX1
Synonyms:	IFI-78K; IFI78; IncMX1-215; MX; MxA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC227878 representing NM_001144925
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTGTTTCCGAAGTGGACATCGAAAAGCTGATCCAGCTGCTGCATCCCACCCTCTATTACTGAATG
 GAGATGCTACTGTGGCCAGAAAAATCCAGGCTCGGTGGCTGAGAACAACTGTGCAGCCAGTATGAGGA
 GAAGGTGCGCCCTGCATCGACCTCATTGACTCCCTGCGGGCTCTAGGTGTGGAGCAGGACCTGGCCCTG
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 AGATAAGTGGAGAGGCAAGGTCAAGTACCAGGACTACGAGATTGAGATTTGCGATGCTTCAGAGGTAGAA
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 ATACAGGGGTGCATTGCAGAAGGTGAGAGAGAAGGAGCTGGAAGAAGAAAAGAAGAAATCCTGGGAT
 TTTGGGCTTTCCAATCCAGCTCGGCAACAGACTCTTCCATGGAGGAGATCTTTCAGCACCTGATGGCCT
 ATCACCAGGAGGCCAGCAAGCGCATCTCCAGCCACATCCCTTTGATCATCCAGTTCTTCATGCTCCAGAC
 GTACGGCCAGCAGCTTCAGAAGGCCATGCTGCAGCTCCTGCAGGACAAGGACACCTACAGCTGGCTCCTG
 AAGGAGCGGAGCGACACCAGCGACAAGCGGAAGTTCCTGAAGGAGCGGCTTGACGGCTGACGAGGCTC
 GCGCCGGCTTGCCAGTTCCCCGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC227878 representing NM_001144925 Red=Cloning site Green=Tags(s) MVVSEVDIAKADPAAASHPLLLNGDATVAQKNPGSVAENNLCSQYEEKVRPCIDLIDSLRALGVEQDLAL PAIAVIGDQSSGKSSVLEALSGVALPRGSGIVTRCPLVLKLLKLVNEDKWRGKVSQDYIEISDASEVE KEINKAQNAIAGEGMGISHELITLIESSRDVPLTLIDLPGITRVAVGNQPADIGYKIKTLIKKYIQRQE TISLVVPSNVDIATTEALSMAQEVDPEGDRITIGILTKPDLVDKGTEDKVVDVVRNLVFHLKKGYMIVKC RGQQEIQDQLSLSEALQREKIFFENHPYFRDLLLEEGKATVPCLAEKLTSELITHICKSLPLENQIKETH QRITEELQKYGVDIPEDENEKMFFLIDKINAFNQDITALMQGEETVGEEDIRLFTRLRHEFHKWSTIEN NFQEGHKILSRKIQKFENQYRGRELPGFVNYRTFETIVKQKIKALEEPAVDMHTVTDMVRLAFTDVSIIK NFEFFNLHRTAKSKIEDIRAEQEREKEKLIRLHFQMEQIVYQDQVYRGALQKVREKELEEEKKKSWD FGAFQSSSATDSSMEEIFQHLMAYHQEASKRISSHIPLIIQFFMLQTYGQQLQKAMLQLLDKDTYSWLL KERSDTSKRRKFLKERLARLTQARRRLAQFPG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001144925
ORF Size:	1986 bp
Buffer:	PBS with 0.001% Pluronic F9373
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_001144925.1, NP_001138397.1</u>
RefSeq ORF:	1989 bp
Locus ID:	4599
UniProt ID:	<u>P20591</u>
Cytogenetics:	21q22.3
MW:	75.3 kDa