

Product datasheet for **RC218897A1V**

Human MS4A14 (NM_032597) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MS4A14 (NM_032597) AAV Particle
Tag:	Myc-DDK
Symbol:	MS4A14
Synonyms:	MS4A16; NYD-SP21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218897 representing NM_032597
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCAACATCCCAGGACAGAAGGGCAACTCAGTCATCACTATAAAACCAAACGAACTGTATTGA
 CTGCATTTCCCTACAGACCTCATAGCTCTCTGCTGGATTTCTGAAGGGAGAGCCAAGAGTCTTGGGGGC
 TACCCAGATCCTGCTTGTCTAATCATTGTGGGCTTTGGAACATATTTGCACTTAATTACATCGGTTTC
 TCCCAAAGACTTCCCCTTGTGTCTCAGGATATCCATTCTGGGGAGCACTTATTTTTATTCTTACAG
 GATACCTCACAGTAACCGATAAGAAATCAAACCTTCTGGGTCAAGGTGTCACGGGCATGAATGTTATCAG
 CTCCTTGGTTGCGATAACTGGGATTACTTCCATTCTCAGCTACAGACATCAAGACAAGTACTGCCAG
 ATGCCATCCTTTGAAGAAATATGTGTTTTAGTAGAACTCTTTTATTGTTCTGTTTTCTTGCCTTCGG
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 ACATGACATCCCAAGATATGCAATCCCTAGATATGCTATCTCAAGACACACCATCCACGCCATGCCACC
 TCAAGACATACCTTCCCAAGATATGCTATCCCAAGCTCTATCAGCGCATGCCATATTACCTGAAGCCTCA
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 ACACTGAACCTCAAACACAGCAAATTTTACAAATGTCATATCAAGATATTAGATCAGAAGTTATGGAAGA
 GACCAAAGAATGGAAATCTGAGGAGGAACCTCATAGAAGAAATCCTCAAGACGGCATTCTTAAACCAG
 CAAACCAAAGCCTTGAATACTTAAGGAGACATTCTTTAGACGTGCAAGCCAAAGGCCAGAAATCCTCAA
 AGAGGCATTCTTAGATCAGCAAAGCAAAGGCTGGCAATCTCAAAGCAGAAATCCTTAGACCAGCAAAT
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 CTCCCAGATCAGCAAGCTGAAGATCAGCAAGCCAAAGGGGAACAATACCAGAAGGACAATCTAAAGATA
 GACAAGTTAAAGACCAGCAGACTGATAAGGAGCAAACTCAAAGAAGCAAACCCAGGATCAGCAAACCTGA
 AGACCAGCCGCCAAGAGAAGAAATCCCCGAAAGGACAATCCAAAATGTTCAAGCCGAGGACAGCAA
 GCTCAGGTGGAGAAAGTGCCAAAACCTGTTATGCCAAGATTGAAATCCCAATACAGCAATACCAATTCT
 GGCAATTCACAAAGGCAATCTCCAGGCTGGACAACCCAGGACTGTCAATCTTTTGGCCAAGAATCCCCT
 GACTGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218897 representing NM_032597 Red=Cloning site Green=Tags(s) MESTSQDRRATHVITIKPNETVLTAFPYRPHSSLLDFLKGEPRVLGATQILLALIIVGFGTIFALNYIGF SQRLPLVVL TGYPFWGALIFIL TGYL TVTDKSKLLGQGV TGMNVISSLVAITGITFTILSYRHQDKYCQ MPSFEEICVFSRTLFI VLF LPSDVTQNSEQPAPEEYDQLQFVLQEEFSSDDSTTNAQSVIFGGYAFFKL TLRSRPLVSQPGNKGREFVPDEQKQSILPSPKFSEEEIEPLPPTLEKKPSENMSIQLDSTFKQMKDEDLQ SAIVQPSQM QTKLLQDQAASLQVFP SHSALKLEDISPEDLPSQALPVEGLSEQTMP SKSTSSHVKQSSNL TANDLPPQGILSQDTSSQDMLFHDMTSQDMQSLDMLSQDTPSHAMPPQDIP SQDMLSQALSAHAILPEAS TSHIVQFPEIQHLLQPPDLQPENTEPQNQQILQMSYQDIRSEVMEETKEWKSEELHRRKSSRRHSLNQ QTKALQYLRRHSLDVQAKGQKSSKRHSLDQQSKGWQSPKQKSLDQQIKDWLSPKRHSVDKQAQLNQTKEQ LPDQQAEDQQA KGEQYPEGQSKDRQVKDQQT DKEQNSKKQTQDQQTEDQPAQEKKSPKGQFQNVQAEGQQ AQVEKVPKLLCQDSESQIQYQFWQFHKGNLQAGQPRTVNLLAKNPLTG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032597
ORF Size:	2037 bp
Buffer:	PBS with 0.001% Pluronic F7919
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_032597.2 , NP_115986.2
RefSeq Size:	2805 bp
RefSeq ORF:	2040 bp
Locus ID:	84689
UniProt ID:	Q96JA4
Cytogenetics:	11q12.2
MW:	76.4 kDa