

Product datasheet for **RC221997A1V**

Human MS4A14 (NM_001079692) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MS4A14 (NM_001079692) 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:**

>RC221997 representing NM_001079692
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTCAACATCCCAGGACAGAAGGGCAACTCAGTCATCACTATAAAACCAAACGAACTGTATTGA
 CTGCATTTCCCTACAGACCTCATAGCTCTCTGCTGGATTTTCTGAAGGGAGAGCCAAGAGTCTTGGGGGC
 TACCCAGATCCTGCTTGTCTAATCATTGTGGGCTTTGGAATATATTTGCATTAATTACATCGGTTTC
 TCCCAAAGACTTCCCCTTGTGTCTCAGGATATCCATTCTGGGGAGCACTTATTGGTCAAGGTGTCA
 CGGGCATGAATGTTATCAGCTCCTTGGTTCGATAACTGGGATTACTTTCACCATTCTCAGCTACAGACA
 TCAAGACAAGTACTGCCAGATGCCATCCTTTGAAGAAATATGTGTTTTTCAGTAGAACTCTTTTCATTGTT
 CTGTTTTTCTTGCCTTCGGATGTTACTCAAAATAGTGAACAACCTGCCCCAGAAGAAAATGATCAATTAC
 AATTTGTGCTTCAAGAAGAGTTTTCCAGTGATGATTCAACAACAAATGCACAATCTGTTATCTTTGGAGG
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 GATCAGAAGTTATGGAAGAGACCAAAGAATGGAATCTGAGGAGGAACTCCATAGAAGAAAATCTCAAG
 ACGGCATTCTTAAACCAGCAAACCAAAGCCTTGCAATACTTAAGGAGACATTCTTTAGACGTGCAAGCC
 AAAGGCCAGAAATCCTCAAAGAGGCATTCTTAGATCAGCAAAGCAAAGGCTGGCAATCTCCAAAGCAGA
 AATCCTTAGACCAGCAAATCAAAGACTGGCTATCCCCAAAGAGGCACTCCGTAGATAAGCAAGCTCAACT
 TAATCAAATAAAGAGCAACTCCAGATCAGCAAGCTGAAGATCAGCAAGCCAAAGGGGAACAATACCCA
 GAAGGACAATCTAAAGATGGACAAGTTAAAGACCAGCAGACTGATAAGGAGCAAACTCAAAGAAGCAAA
 CCCAGGATCAGCAAACCTGAAGACCAGCCGGCCCAAGAGAAGAAATCCCCGAAAGGACAATTCCAAAATGT
 TCAAGCCGAAGGACAGCAAGCTCAGGTGGAGAAAGTGCCAAAACCTGTTATGCCAAGATTAGAATCCCAA
 ATACAGCAATACCAATTCTGGCAATTCACAAAGGCAATCTCCAGGCTGGACAACCCAGGACTGTCAATC
 TTTTGGCCAAGAATCCCTGACTGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221997 representing NM_001079692 Red=Cloning site Green=Tags(s) MESTSQDRRATHVITIKPNETVLTAFPYRPHSSLLDFLKGEPRVLGATQILLALIIVGFGTIFALNYIGF SQRLPLVVL TGYPFWGALIGQVGTGMNVISSLVAITGITFTILSYRHQDKYCMPSFEEICVFSRTLFI LFFLPDVTQNSEQPAPEENDQLQFVLQEEFSSDDSTTNAQSVIFGGYAFFKLTLSRSPLVSQPGNKGRE FVPDEQKQSILSPKFSEEEIEPLPPTLEKKPSENMSIQLDSTFKQMKDEDLQSAIVQPSQMOTKLLQDQ AASLQVFPSPSHALKLEDISPEDLPSQALPVEGLSEQTMPKSTSSHVKQSSNLTANDLPPQGILSQTSS QDMLFHDMTSQDMQSLDMLSQDTPSHAMPPQDIPSDMLSQALSAHAILPEASTSHIVQFPEIQHLLQQP PDLQPENTEPQNQQILQMSYQDIRSEVMEETKEWKSEEELHRRKSSRRHSLNQQTKALQYLRRHSLDVQA KGQKSSKRHSLDQQSGWQSPKQKSLDQQIKDWLSPKRHSVDKQAQLNQTKEQLPDQQAEDQQAQGEQYP EGQSKDGQVKDQQTDEQNSKKQTQDQQTEDQPAQEKSPKGQFQNVQAEGQQAQVEKVPKLLCQDSESQ IQQYQFWQFHKGNLQAGQPRTVNLLAKNPLTG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001079692
ORF Size:	1986 bp
Buffer:	PBS with 0.001% Pluronic F8430
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_001079692.1</u>
RefSeq Size:	3302 bp
RefSeq ORF:	1989 bp
Locus ID:	84689
UniProt ID:	<u>Q96JA4</u>
Cytogenetics:	11q12.2
MW:	74.5 kDa