

Product datasheet for **RC203837A1V**

Human FAM114A1 (NM_138389) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM114A1 (NM_138389) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM114A1
Synonyms:	Noxp20
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203837 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTGATGATGCTGGTGTACACCTTAGCCACTGGAGACAAAGCAGAAGTTACTGAGATGCCTAATAGTG
ATTCTTTACCTGAGGATGCAGAAGTGCATTGTGATTGAGCTGCAGTTTCACATGAGCCAACACCAGCTGA
CCCCAGAGGGGAGGGGCATGAAATGCAGCTGTGCAGGGTGCAGGGGCTGCCGCCATTGGGCCCTGTG
CAGCCTCAGGATGCCAACGCCCTGGAGCCCCCTCTCAATAGAGACGTGACTGAGGATACACTTGCTGAAT
GTATTGATTCCGTGAGCCTTGAGGCAGAACCCAGATCCGAAATACCCCTGCAAGAACAGAATTATCCGGC
TGTGGATTCCCCTCCAAGTGGAGGAGGATGGGCAGGCTGGGGATCCTGGGGCAATCTCTGCTGTCGTCA
GCATCTGCCACAGTAGGTCATGGATTGACGGCAGTCAAGGAAAAAGCAGGAGCCACTCTACGGATTCTATG
GTGTAATTTCTGGATCTTCTGAAGGAGCCCAACCAAATACTGAAACGGAGTCCCTGAAATAACAGATGC
AGCCACAGATCAGGGCCCTGCAGAAAGCCACCCACTTCCCCTTCATCAGCCTCTCGGGGTATGCTGTCT
GCCATCACCAATGTGGTTCAAAACACAGGTAAAAGTGTCTTAACGTGAGGCCTTGATGCGTTGGAATTCA
TCGGCAAGAAAACCATGAATGTCTTGCAGAAAGTGACCCGGGCTTTAAGCGGACCAAGACGCTCATGGA
GAGAAGTGTTCCTTGTCTCAGATGTTAAGGGAAGCTAAGGAGAAGGAGAAGCAGAGACTGGCACAGCAG
CTCACGATGGAGAGAACC CGC GCACTACGGGATGCTGTTTGATGAATATCAAGGCTTGTCACACCTGGAAG
CCCTGGAATTTCTGTCCAATGAAAGCGAAAGCAAGGTTCACTATTTTAGCATCACTTGATGGAGAGAA
GCTGGAAGTCTTAAAAAATGACCTAATTTCCATTAAAGACATCTTTCAGGCCAAAGAAATTAGAGAATGAA
GAAAAACAAGAAGAACAGGCTTAGAAGAAAAAGGGAGAAGAAATTTGCTCGCATGCTTACAGAGCTTCTCT
TTGAATTACATGTGGCGGCCACACCTGACAAACTCAATAAGGCCATGAAGAGGGCTCATGACTGGGTGGA
AGAGGATCAAACCGTGGTGTGAGTAGATGTGGCAAAAGTGTCCGAAGAAGAAACAAAGAAGGAAGAAAAAG
GAAGAGAAATCTCAAGACCTCAAGAAGACAAAAAGGAGGAAAAAGAAACTAAGACCATAGAGGAAGTAT
ACATGTCGTCCATTGAAAGTCTGGCGGAGGTAAACAGCGCGCTGTATTGAGCAGCTTCATAAAGTAGCAGA
ATTAATTCTTCATGGACAAGAAGAGGAAAAACCAGCTCAGGACCAAGCAAAAGTTCTAATAAAATTAAC
ACTGCAATGTGCAATGAAGTGGCTCTTTATCAAAGAAGTTTACGAATTTTAAACCACTGTTGGGAGCA
ACAAGAAGGCCGAGGTCTTAAACCCATGATCAGTAGTGTATTGTTAGAGGGCTGCAACAGTACAACGTA
CATACAGGATGCCTTCCAGCTGCTGCTGCCTGTTCTGCAGGTCTCATATCCAGACCAGTTGTTTGAA
GCATACAGCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203837 protein sequence

Red=Cloning site Green=Tags(s)

MSDDAGDTLATGDKAEVTEMPNSDSLPEDAEVHCDSAAVSHEPTPADPRGEGHENA AAVQGAGAAAIGPPV
QPQDANALEPPLNRDVTEDTLAECIDSVSLEAEPRSEIPLQEQNYPAVDSPPSGGGWAGWSGWKSLSS
ASATVGHGLTAVKEKAGATLRIHGVN SSGSEQPNTENGVP EITDAATDQGPAESPTSPSSASRGLS
AITNVVQNTGKSVLTGGLDALEFIGKKT MNVLAESDPGFKRKTLMERTVSLQMLREAKEKEKQRLAQ
LTMERTAHYGM L FDEYQGLSHLEAILEILSNESESKVQSFLASLDGEKLELLKNDLISIKDIFAAKEL
ENEENQEEQGLEEKGE EFARMLTELLFELHVAATPDKLNKAMKRAHDWVEEDQTVVSDVAKVSEEE
TKKEEKEKSQDPQEDKKEEKKTKTIEEVYMSSIESLAEVTARCIEQLHKVAELILHGQEEEEKPAQDQAKV
IKLTAMCNEVASLSKKFTNSLTTVGSNKKA EVLNPMISSVLLEG CNSTTYIQDAFQLLLPVLQVSHIQT
SCLKAOP

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_138389
ORF Size:	1689 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_138389.1, NP_612398.1</u>
RefSeq Size:	4138 bp
RefSeq ORF:	1692 bp
Locus ID:	92689
UniProt ID:	<u>Q8IWE2</u>
Cytogenetics:	4p14
MW:	60.8 kDa