

## Product datasheet for **RC227920A1V**

### Human Nuclear Factor 1 (NFIA) (NM\_001145511) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Nuclear Factor 1 (NFIA) (NM_001145511) AAV Particle
Tag:	Myc-DDK
Symbol:	Nuclear Factor 1
Synonyms:	BRMUTD; CTF; NF-I/A; NF1-A; NFI-A; NFI-L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC227920 representing NM\_001145511  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATGAATTTTCATCTTTTCATCGAAGCACTTCTGCCCCACGTCGGAGCCTTTGCTACACATGGTTCA  
 ACCTGCAGGCCGAAAACGAAAATACTTCAAAAAACATGAAAAGCGTATGTCAAAAAGAAGAGAGAGC  
 CGTGAAGGATGAATTGCTAAGTAAAAACCAGAGGTCAAGCAGAAGTGGGCATCTCGACTTCTGGCAAAG  
 TTGCGGAAAGATATCCGACCCGAATATCGAGAGGATTTTGTCTTACAGTTACAGGGAAAAAACCTCCAT  
 GTTGTGTTCTTTCCAACCCAGACCAGAAAGCAAGATGCGAAGAATTGACTGCCTCCGCCAGGCAGATAA  
 AGTCTGGAGGTTGGACCTTGTATGGTGATTTTGTAAAGGTATTCCGCTGGAAAGTACTGATGGCGAG  
 CGCCTTGTAAAGTCCCACAATGCTCTAATCCAGGGCTCTGTGTCCAACCCCATCATAGGGGTTTCTG  
 TTAAGGAAGTCAATTTATTTGGCATACTTTGTGCATGCAGCAGATTCAAGTCAATCTGAAAGTCCCAG  
 CCAGCCAAGTGCAGCTGACATTAAGGACCAGCCAGAAAATGGACATTTGGGCTTCCAGGACAGTTTGTG  
 ACATCAGGTGTTTTAGTGTCACTGAGCTAGTAAGAGTGTACAGACACCAATAGCTGCAGGAACCTGGCC  
 CAAATTTTTCTCTCTCAGATTTGGAAAGTTCTTCACTACTACAGCATGAGTCCAGGAGCAATGAGGAGGTC  
 TTTACCCAGCACATCCTCTACGAGCTCCACAAAGCGCCTCAAGTCTGTGGAGGATGAAATGGACAGTCTT  
 GGTGAGGAGCCATTTTATACAGGCCAAGGGCGCTCCCCAGGAAGTGGCAGTCAGTCAAGTGGATGGCATG  
 AAGTGGAGCCAGGAATGCCATCTCCAACCACACTGAAGAAGTCCGAGAAGTCTGGTTTACAGCAGCCCTC  
 CCCTTACAGACCTCCTCCCTGGGAACGGCGTTACACAGCATCACCGACCTGTCATTACAGGACCCAGA  
 GCAAGTCCGCATGCAACACCATCGACTTTCATTTCCCGACATCACCCATTATCCAGCAGCCTGGGCCTT  
 ACTTCTCACACCCAGCCATCCGCTATCACCCCTCAGGAGACGCTGAAAGAATTTGTCCAACCTGTCTGCC  
 TGATGCTGGTACGACAGGCTGGACAGGTGGGGTTCTCAATCCCAATGGGAGCAGCCAAGGCAAGGTGCAC  
 AACCCATTCTTCCACCCCAATGTTGCCACCGCCACCGCCACCCGATGGCCAGGCTGTGCCTCTGC  
 CGGTGCCAGACACAAAGCCTCCAACCACGTCAACAGAAGGAGGTGCAGCCTCCCCACGTACCAACCTA  
 CTCGACACCCAGCACCTCCCCGCAAACCGATTGTCAGTGTGGACCACGGGATCCAAGCTTTGTAAT  
 ATCCCTCAACAGACACAGTCTGGTACCTGGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MDEFHPFIEALLPHVRAFAYTWFNLQARKRKYFKKHEKMSKEEERAVKDELLSEKPEVKQKQWASRLAK  
 LRKDIRPEYREDFVLTVTGKKPPCCVLSNPDQKGMRRIDCLRQADKQVWRLDLVMVILFKGIPLSTDGE  
 RLVKSPQCSNPGLCVQPHHIGVSVKELDLYLAYFVHAADSSQSESPSQPSDADIKDQPEHGLGFQDSFV  
 TSGVFSVTELVRSQTPIAAGTGPNFSLSDLESSYYSMSPGAMRRSLPSTSSTSRKRLKSVEDEMDSP  
 GEEPFYTGQGRSPGSGSQSSGWHEVEPGMPSPTTLKKSEKSGFSSPSPSQTSSLGTAFTQHHRPVIITGPR  
 ASPHATPSTLHFPTSPIIQQPGPYF SHPAIRYHPQETLKEFVQLVCPDAGQQAGQVGFNLNPNNGSSQKVVH  
 NPFLPTPMLPPPPPPMARPVPLPVPDTPKPTTSTEGGAASPTSTYSTPSTSPANRFVSVGPRDPSFVN  
 IPQQTQSWYLG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001145511

**ORF Size:**

1503 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001145511.1</a></u>
<b>RefSeq ORF:</b>	1506 bp
<b>Locus ID:</b>	4774
<b>UniProt ID:</b>	<u><a href="#">Q12857</a></u>
<b>Cytogenetics:</b>	1p31.3
<b>MW:</b>	54.9 kDa