

Product datasheet for **RC204650A1V**

Human Nuclear Factor 1 (NFIA) (NM_005595) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nuclear Factor 1 (NFIA) (NM_005595) 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:

>RC204650 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATTCTCCGCTCTGTCTCACCCAGGATGAATTTTCATCCTTTTCATCGAAGCACTTCTGCCCCAGCTCC
 GAGCCTTTGCCTACACATGGTTCAACCTGCAGGCCGAAAACGAAAATACTTCAAAAAACATGAAAAGCG
 TATGTCAAAGAAGAAGAGAGAGCCGTGAAGGATGAATTGCTAAGTAAAAACAGAGGTCAAGCAGAAG
 TGGGCATCTCGACTTCTGGCAAAGTTGCGGAAAGATATCCGACCCGAATATCGAGAGGATTTTGTCTTA
 CAGTTACAGGGAAAAACCTCCATGTTGTGTTCTTTCAACCCAGACCAGAAAGCAAGATGCGAAGAAT
 TGACTGCCTCCGCCAGGCAGATAAAGTCTGGAGGTTGGACCTTGTATGGTGATTTTGTAAAGGTATT
 CCGCTGAAAAGTACTGATGGCGAGCGCCTTGTAAAGTCCCACAATGCTCTAATCCAGGGCTCTGTGTCC
 AACCCCATCACATAGGGGTTTCTGTTAAGGAAGTCTGATTTATATTTGGCATACTTTGTGCATGCAGCAGA
 TTCAAGTCAATCTGAAAGTCCCAGCCAGCAAGTGACGCTGACATTAAGGACCAGCCAGAAAATGGACAT
 TTGGGCTTCCAGGACAGTTTTGTACATCAGGTGTTTTAGTGTCACTGAGCTAGTAAGAGTGTCACAGA
 CACCAATAGCTGCAGGAAGTGGCCAAATTTTCTCTCTCAGATTTGGAAGTCTTTCATACTACAGCAT
 GAGTCCAGGAGCAATGAGGAGGTCTTTACCCAGCACATCCTCTACGAGCTCCACAAGCGCCTCAAGTCT
 GTGGAGGATGAAATGGACAGTCTGGTGAAGGAGCCATTTATACAGGCCAAGGGCGCTCCCAGGAAGTG
 GCAGTCAGTCAAGTGGATGGCATGAAGTGGAGCCAGGAATGCCATCTCCAACCACTGAAGAAGTCGGA
 GAAGTCTGGTTTCAGCAGCCCCCTCCCTTACAGACCTCCTCCCTGGGAACGGCGTTACACAGCATCAC
 CGACCTGTCATTACAGGACCCAGAGCAAGTCCGCATGCAACACCATCGACTCTTCATTTCCCGACATCAC
 CCATTAACAGCAGCCTGGGCCCTACTTCTCACACCCAGCCATCCGCTATCACCCCTCAGGAGACGCTGAA
 AGAATTTGTCCAACCTGTCTGCCTGATGCTGGTCAGCAGGCTGGACAGGTGGGGTTCCTCAATCCAAT
 GGGAGCAGCAAGGCAAGGTGCACAACCATTCCTTCCACCCCAATGTTGCCACCGCCACCGCCACCAC
 CGATGGCCAGGCTGTGCCTCTGCCGTGCCAGACACAAAGCCTCCAACCACGTCAACAGAAGGAGGTGC
 AGCCTCCCCACGTCACCAATCCTGGTACCTGGGATAAAAAGTTGCAGCGTCCCACCATCCACCAGACAGA
 CCACCTGACCCCTTCTCAACTCTG

ACGGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204650 protein sequence
 Red=Cloning site Green=Tags(s)

MYSPLCLTQDEFHPFIEALLPHVRAFAYTWFNLQARKRKYFKKHKRMSKEEERAVKDELLSEKPEVKQK
 WASRLAKLRKDIRPEYREDFLTVTGKKPPCCVLSNPDQKGMRRIDCLRQADKVVRLDLVMVILFKGI
 PLESTDGERLVKSPQCSNPGLCVQPHHIGVSVKELDLYLAYFVHAADSSQSESPSQPSDADIKDQPENH
 LGFQDSFVTSGVFVTELVVRSQTPIAAGTGPNFSLSDLESSSYSSMSPGAMRRSLPSTSTSTKRLKS
 VEDEMSPGEEPFYTGQGRSPGSGSQSSGWHEVEPGMPSPTTLKSEKSGFSSPSPSQTSSLGTAFTQHH
 RPVITGPRASPHATPSTLHFPTSPIIQQPGPYFSHPAIRYHPQETLKEFVQLVCPDAGQAGQVGFLLNP
 GSSQGKVHNPFLPTMPLPPPPPPMARPVPLVPDTPKPTTSTEGGAASPTSPILVPGIKVAASHHPDR
 PPDPFSTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005595

ORF Size:

1494 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_005595.1</u>
RefSeq Size:	9403 bp
RefSeq ORF:	1497 bp
Locus ID:	4774
UniProt ID:	<u>Q12857</u>
Cytogenetics:	1p31.3
MW:	54.6 kDa