

Product datasheet for **RC226505A1V**

Human Nuclear Factor 1 (NFIA) (NM_001145512) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nuclear Factor 1 (NFIA) (NM_001145512) 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:

>RC226505 representing NM_001145512
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAAAATGTGCCGCCCGCCTCCTCCTCGTTCTCTACGTGCCACGCGGTGGCCCGGGGGTGCAGGG
 CAACCTGGCAAAGTTGCCCAAGTCTCCACCGAGACGCACGCATACCCAGCGCCCGGCAGTTATGTA
 TTCTCCGCTCTGTCTACCCAGGATGAATTTATCCTTTCATCGAAGCACTTCTGCCCCAGTCCGAGCC
 TTTGCCTACACATGGTTCAACCTGCAGGCCGAAAACGAAAATACTTCAAAAAACATGAAAAGCGTATGT
 CAAAAGAAGAAGAGAGAGCCGTGAAGGATGAATTGCTAAGTAAAAACCAGAGGTCAAGCAGAAGTGGGC
 ATCTCGACTTCTGGCAAAGTTGCGGAAAGATATCCGACCCGAATATCGAGAGGATTTTGTCTTACAGTT
 ACAGGGAAAAACCTCCATGTTGTGTTCTTTCAACCCAGACCAGAAAGCAAGATGCGAAGAATTGACT
 GCCTCCGCCAGGCAGATAAAGTCTGGAGTTGGACCTTGTATGGTGATTTTGTAAAGGTATTCGCT
 GAAAGTACTGATGGCGAGCGCCTTGTAAAGTCCCACAATGCTCTAATCCAGGGCTCTGTGTCCAACCC
 CATCACATAGGGGTTTCTGTTAAGGAACTCGATTATATTTGGCATACTTTGTGCATGCAGCAGATTCAA
 GTCAATCTGAAAGTCCCAGCCAGCAAGTGACGCTGACATTAAGGACCAGCCAGAAAATGGACATTTGGG
 CTTCCAGGACAGTTTTGTACATCAGGTGTTTTAGTGTCACTGAGCTAGTAAGAGTGTACAGACACCA
 ATAGCTGCAGGAACTGGCCAAATTTTCTCTCAGATTTGGAAAGTCTTCACTACAGCATGAGTC
 CAGGAGCAATGAGGAGTCTTTACCCAGCACATCTCTACGAGCTCCACAAGCGCCTCAAGTCTGTGGA
 GGATGAAATGGACAGTCTGGTGAAGGAGCCATTTATACAGGCCAAGGGCGCTCCCAGGAAGTGGCAGT
 CAGTCAAGTGGATGGCATGAAGTGGAGCCAGGAATGCCATCTCCAACCACTGAAGAAGTCGGAGAAGT
 CTGGTTTCAGCAGCCCCCTCCCTTACAGACCTCCTCCCTGGGAACGGCGTTACACAGCATCACCGACC
 TGTATTACAGGACCCAGAGCAAGTCCGCATGCAACACCATCGACTCTTCATTTCCCGACATCACCCATT
 ATCCAGCAGCCTGGGCCTTACTTCTCACACCCAGCCATCCGCTATCACCCCTCAGGAGACGCTGAAAGAAT
 TTGTCCAACCTGTCTGCCCTGATGCTGGTCAAGCAGGCTGGACAGGTGGGGTTCTCAATCCCAATGGGAG
 CAGCCAAGGCAAGGTGCACAACCCATTCTTCCACCCCAATGTTGCCACCGCCACCGCCACCACCGATG
 GCCAGGCTGTGCCTCTGCCGTGCCAGACACAAGCCTCCAACCACGTCAACAGAAGGAGGTGCAGCCT
 CCCCCACGTACCAACCTACTCGACACCCAGCACCTCCCCGCAACCGATTCTGTCAGTGTGGACCAGC
 GGATCCAAGCTTTGTAATATCCCTCAACAGACACAGTCTGGTACCTGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226505 representing NM_001145512
 Red=Cloning site Green=Tags(s)

MQMCRPASSSVLYVPTRWPGCGATWQSCSPPPRRTRIPQRPVAVMYSPLCLTQDEFHPFIEALLPHVRA
 FAYTWFNLQARKRKYFKKHEKRMSKEEERAVKDELLSEKPEVKQKQWASRLLAKLRKDIRPEYREDFVLT
 TGKKPPCCVLSNPDQKGMRRIDCLRQADKVRDLVVMVILFKGIPLSTDGERLVKSPQCSNPGLCVQP
 HHIGVSVKELDLYLAYFVHAADSSQSESPSQPSDADIKDQPENGLGFQDSFVTSVGFVSVTELVVRSQTP
 IAAGTGNPFLSLDLESSYYSMSPGAMRRSLPSTSSSTKRLKSVEDEMDSPGEEPFYTGQGRSPGSGS
 QSSGWHEVEPGMPSPPTLLKKSEKSGFSSPSQTSSTLGTAFQTQHHRPVIITGPRASPHATPSTLHFPTSPI
 IQQPGPYFVSHPAIRYHPQETLKEFVQLVCPDAGQQAGQVGFVLPNGSSQGVHNPFLPTPMLPPPPPPPM
 ARPVPLPVPDTPPTTSTEGGAASPTSTYSTPSTSPANRFVSVGPRDPSFVNIPQQTQSWYLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145512

ORF Size:	1662 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_001145512.1</u>
RefSeq ORF:	1665 bp
Locus ID:	4774
UniProt ID:	<u>Q12857</u>
Cytogenetics:	1p31.3
MW:	60.7 kDa