

Product datasheet for **RC222464A1V**

Human **NEUROD4 (NM_021191) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human NEUROD4 (NM_021191) AAV Particle
Tag: Myc-DDK
Symbol: NEUROD4
Synonyms: ATH-3; ATH3; Atoh3; bHLHa4; MATH-3; MATH3
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC222464 representing NM_021191
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAAAACCTTTTGTAAAAATCCAAGGAGATGGGAGAGCTAGTCAACACACCATCCTGGATGGATAAAG
GTCTGGGCTCCCAAAATGAGGTGAAGGAGGAAGAGAGCAGACCAGGTAATGATGGGATGCTCAGCAGCTT
AACTGAAGAGCATGACAGTATTGAGGAAGAAGAAGAAGAGGAAGAAGATGGGGAGAAACCTAAGAGAAGG
GGTCCCAAGAAAAGAAGATGACCAAAGCTCGCCTTGAGAGATTCAGGGCTCGAAGAGTCAAGGCTAATG
CCAGAGAACGGACCCGGATGCATGGCCTGAATGACGCCCTGGATAACCTGAGGGGAGTCAATGCCATGCTA
CTCTAAAACCCAAAACCTTTCCAAGATAGAGACTCTTAGACTGGCCAGGAACCTATATTTGGGCTTTATCT
GAAGTCTGGAGACTGGCCAGACACCTGAAGGGAAAGGCTTTGTGGAGATGCTGTGTAAGGGCTCTCTC
AGCCCACAAGCAACCTGGTGGCTGGATGTCTCAACTGGGCCCTCAGTCTGTCCTCCTGGAGAAGCACGA
GGATAAATCTCTATTTGTGACTCTGCCATCTCTGTCCACAACCTCAACTATCAGTCTCCGGGGCTTCTC
AGCCCTCCTTATGGTCATATGGAACACATCTCCTTCACTCAAGCCCCAAGTATTCAAGAGTTTGGGAG
AATCGTCTTTGGGAGCCATCTGCCTGACTGCAGTACACCCCTTATGAGGGCCCACTCACTCCACCCCT
GAGCATCAGTGGAACTTCTCCTGAAGCAAGATGGGTCTCCTGACCTAGAAAAATCCTACAGCTTCATG
CCACATTACCCTTCTCAAGTCTAAGCTCAGGGCATGTGCATTCAACTCCTTTTCAGGCTGGTACCCCC
GTTATGATGTTCTATAGACATGTCCTATGATTCTACCCCATCATGGTATTGGGACCAACTCAATAC
AGTCTTCACTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC222464 representing NM_021191 Red=Cloning site Green=Tags(s) MSKTFVKSKEMGELVNTPSWMDKGLGSQNEVKEEESRPGTYGMLSSLTEEHDSIEEEEEEEEDGEKPKRR GPKKKKMTKARLERFRARRVKANARERTRMHGLNDALDNLRRVMPCYSKTQKLSKIETLRLARNYIWALS EVLETGQTPEGKGFVEMLCCKGLSQPTSNLVAGCLQLGPQSVLLEKHEDKSPICDSAISVHNFNYQSPGLP SPPYGHMETHLLHLKPQVFKSLGESSFGSHLPDCSTPPYEGPLTPPLSISGNFSLKQDGSPLDKSYSFM PHYPSSSLSSGHVHSTPFQAGTPRYDVPIDMSYDSYPHGGIGTQLNTVFTE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021191
ORF Size:	993 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_021191.1</u>
RefSeq Size:	1481 bp
RefSeq ORF:	996 bp
Locus ID:	58158
UniProt ID:	<u>Q9HD90</u>
Cytogenetics:	12q13.2
MW:	36.9 kDa