

Product datasheet for **RC207178A1V**

Human NEUROD6 (NM_022728) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NEUROD6 (NM_022728) AAV Particle
Tag:	Myc-DDK
Symbol:	NEUROD6
Synonyms:	Atoh2; bHLHa2; Math-2; MATH2; Nex1; NEX1M
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207178 representing NM_022728 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTAACTACCGTTTGATGAGTCTGTTGTAATGCCAGAATCCCAGATGTGCAGAAAGTTTTCTAGAG
AATGCGAGGACCAGAAGCAAATTAAGAAGCCAGAAAGCTTTCCAAACAGATTGTCCTTCGAGGAAAGAG
CATCAAAGGGCCCTGGAGAAGAAACCGAGAAAGAAGAAGAGGAGGAAGACAGGGAAGAGGAAGATGAA
AATGGGTTGCCTAGAAGGAGGGTCTTAGGAAAAAAGACAACAAAGCTGCGATTGGAAAGGGTCAAGT
TCAGGAGACAGGAAGCGAACGCGCGGAGAGGAACAGGATGCACGGCTCAACGACGCTCTGGACAACTT
AAGAAAAGTGGTCCCCTGTTATTCTAAAACCCAGAAACTGTCCAAAATAGAGACTTTACGACTGGCCAAA
AACTACATCTGGGCACCTTCTGAAATTCTGAGAATCGGCAAGAGACCAGATCTGCTCACATTCTGCCAAA
ACTTATGCAAAGGTCTTTCCAGCCAACTACAACTTGGTGGCAGGCTGCTTGACGCTCAACGCCAGGAG
TTTCATGATGGGTGAGGTGGGAGGCTGCACACCACACAAGGTACCCCTACTCTACCTTCTACCCACCC
TACCACAGCCCTGAGCTCACCCTCCCCAGGGCATGGGACTCTTGATAATTCCAAGTCCATGAAACCT
ACAATTATTGAGTGCATGAATCCTTCTATGAAAGTACTTCCCCTGAGTGCCAGCCCTCAGTTTGA
AGGTCCCTTAAGTCTCCCAATTAATAATGGGATATTTCCCTGAAGCAAGAAGAAACCTTGGAC
TATGGTAAAAATTACAATTACGGCATGCATTACTGTGAGTGCACCCAGGGTCCCCTTGGGCAGGGTG
CCATGTTGAGGTTGCCACCGACAGCCACTTCCCTTACGACTTACATCTGCGCAGCCAATCTCTACAAT
GCAAGATGAATTAATGCAGTTTTTCATAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207178 representing NM_022728 Red=Cloning site Green=Tags(s) MLTLPFDESVMPE SQMCRKFSRECEDQKQIKKPESFSKQIVLRGKSIKRAPGEETEKEEEEEEDREEEDE NGLPRRRGLRKKKTTKLRLERVKFRQEQANARERNRMHGLNDALDNLRKVVPCYSKTQKLSKIETLRLAK NYIWALSEILRIGKRPDLLTFVQNLCKGLSQPTTNLVAGCLQLNARSFMMGQGGEAAHTRSPYSTFYPP YHSPELTPPGHGTLDNSKSMKPYNYSAYESFYESTSPECASPQFEGPLSPPPINYNGIFSLKQEETLD YGKNYNYGMHYCAVPPRGPLGQAMFRLPTDSHFYDLHLRSQSLTMQDELNAVFNH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022728
ORF Size:	1011 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_022728.2</u>
RefSeq Size:	2175 bp
RefSeq ORF:	1014 bp
Locus ID:	63974
UniProt ID:	<u>Q96NK8</u>
Cytogenetics:	7p14.3
MW:	38.5 kDa