

Product datasheet for **RC203948A1V**

Human NEU4 (NM_080741) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NEU4 (NM_080741) AAV Particle
Tag:	Myc-DDK
Symbol:	NEU4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203948 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGAGCTCTGCAGCCTTCCAAGGTGGCTGAGCATGGGGTCCCTCGTACCCCTTCACGGACAGTGC
 TCTTCGAGCGGGAGAGGACGGGCTGACCTACCGCGTGCCTCGCTGCTCCCGTGCCCCCGGGCCAC
 CCTGCTGGCCTTTGTGGAGCAGCGCTCAGCCCTGACGACTCCACGCCACCGCTGGTGTGAGGAGG
 GGCACGCTGGCCGGGGCTCCGTGCGGTGGGTGCCCTGCACGTGCTGGGGACAGCAGCCTGGCGGAGC
 ACCGGTCCATGAACCCCTGCCCTGTGCACGATGCTGGCAGGGCACCGTCTTCTCTTCTCATCGCGT
 GCTGGGCCACACGCTGAGGCCGTGCAGATCGCCACGGGAAGGAACGCCGCGCGCTCTGCTGTGTGCC
 AGCCGTGACGCCGGCTCTCGTGGGGCAGCGCCGGGACCTACCGAGGAGGCCATCGGTGGTGGCGTGC
 AGGACTGGGCCACATTTCGTGTGGGTCCCGCCACGGCGTGCAGCTGCCCTCAGGCCGCTGCTGGTACC
 CGCTACACCTACCGCTGGACCGCGAGAGTGTTCGCAAGATCTGCCGACAGCCCTCACTCCTTC
 GCCTTCTACAGCGATGACCACGGCCGACCTGGCGCTGTGGAGGCCTCGTGCCCAACCTGCGCTCAGGCG
 AGTGCCAGCTGGCGGCGGTGGACGGTGGCAGGCCGCGAGCTTCTCTACTGCAATGCCCGAGCCCACT
 GGGCAGCCGTGTGCAGGCGCTCAGCACTGACGAGGGCACCTCCTTCTGCCCGCAGAGCGGTGGCTTCC
 CTGCCCGAGACTGCCTGGGGTGGCAGGGCAGCATCGTGGGCTTCCAGCCCCGCCCAACAGGCCAC
 GGGATGACAGTTGGTCACTGGGCCCCGGGAGTCCCCTCCAGCCTCCACTCCTCGGTCTGGAGTCCACGA
 ACCCCAGAGGAGGCTGCTGTAGACCCCGTGGAGGCCAGGTGCCTGGTGGGCCCTTACGCCGTGTCAG
 CCTCGGGGGATGGCCCCAGGCAGCCTGGCCCCAGGCCGTTGGGTGAGTGGGGTCTGGAGCC
 TGGCACTCCCCATGCCCTTGTGCCCCGCCAGAGCCCCACGTGGTGTACTCCACCCAGTGGG
 GCGCAGGCTCGGCTACACATGGGTATCCGCTGAGCCAGTCCCGCTGGACCCGCGCAGCTGGACAGAG
 CCCTGGGTGATCTACGAGGGCCCCAGCGCTACTCCGACCTGGCGTCCATCGGGCCGGCTCTGAGGGGG
 GCCTGGTTTTTGCCTGCCTGTACGAGAGCGGGGCCAGGACCTCCTATGATGAGATTTCTTTGTACATT
 CTCCCTGCGTGAGGTCTGGAGAACGTGCCCGCCAGCCCCAAGCCGCCAACCTTGGGGACAAGCCTCGG
 GGGTGTGCTGGCCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203948 protein sequence
 Red=Cloning site Green=Tags(s)

MMSSAAFPRWLSMGVPRTPSRTVLFERERTGLTYRVPSLLPVPPGPTLLAFVEQRLSPDDSHAHRLVLR
 GTLAGGSVRWALHVLGTAALAEHRSMNCPVHDAGTGVFLFFIAVLGHTPEAVQIATGRNAARLCCVA
 SRDAGLSWGSARDLTEEAIGGAVQDWATFAVGPHGVQLPSGRLLVPAYTYRVDRECFGKICRTSPHSF
 AFYSDDHGRWRCGGLVFNLRSGECQLAAVDGGQAGSFLYCNARSPLGSRVQALSTDEGTSFLPAERVA
 LPETAWGCQGSIVGFAPAPNRPDDSWSVGPGSPLQPPLLGPGVHEPPEEAVDPRGGQVPGGPF SRLQ
 PRGDGPRQPGPRPGVSGDVGSWTLALPMPFAAPPQSPTWLLYSHPVGRRARLHMGIRLSQSPLDPRSWTE
 PWVIYEGPSGYSDLASIGPAPEGGLVFACLYESGARTSYDEISFCTFSLREVLNVPASPKPPNLGDKPR
 GCCWPS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_080741
ORF Size: 1488 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_080741.1</u>
RefSeq Size:	2373 bp
RefSeq ORF:	1491 bp
Locus ID:	129807
UniProt ID:	<u>Q8WWR8</u>
Cytogenetics:	2q37.3
MW:	52.9 kDa