

Product datasheet for **RC216537A1V**

Human Sialidase 3 (NEU3) (NM_006656) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Sialidase 3 (NEU3) (NM_006656) AAV Particle
Tag:	Myc-DDK
Symbol:	Sialidase 3
Synonyms:	SIAL3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216537 representing NM_006656
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTCTGGACCTCTGGTCCTTTTGTAGGGTACCTCTGAGGCCGGGAACCTTTGCTCAACTCTCAGGC
 TGTCCAGGGAAGCTTTAGGCGGTGATACCGAGCTACAGACCAATATAAGAGCTCGGGGCTGTGGCACTGA
 AGAGAGGAGGCGGCCGTTGGGAAGTGGGCGCCAGGGCTTGGAGTGGTGGCGAGGGTGGAGGTGG
 TGCCGGTCCCACGCCGTGGTGGGACCGAGCTGCGGGCTGGAGGGAGGGGAGCGCCGAGGGGGCGGGAC
 GGGAGAGGGCTCGCGGAGTAGGCCAACGGTTGGCCCCAACGCCACTGACTACAGCCTGCGCCCGCTCT
 TTTGTTGCCGTTACCTGTTTCCGGCAGTCGACACGCTTTCGCTTCTCGGGGCTTGTCTCCGTGTCTC
 CGTCTCAGTTGTTTCTCCCTCTCTATCCTCTGTCTCAGTCTCCAGCCTTGGGGCCGGTGCCTCTT
 CCGGGCTTCGGCAATGAGACCTGCGGACCTGCCCCGCGCCCATGGAAGAATCCCGGCGTCCAGCTC
 TGCCCCGACAGAGACGGAGGAGCGGGTCCAGTGCAGAGGTGATGGAAGAAGTACAACATGCTCCTTC
 AACAGCCTCTGTTCCGGCAGGAAGATGACAGAGGGATTACCTACCGGATCCAGCCCTGCTCTACATAC
 CCCCCACCCACACCTTCTGGCCTTTCAGAGAAGCGTTCACAGGAGAGATGAGGATGCTCTCCACCT
 GGTGCTGAGGCGAGGGTTGAGGATTGGGCGATTGGTACAGTGGGGGCCCTGAAGCCACTGATGGAAGCC
 ACCTACCGGGGCATCGGACCATGAACCCCTGTCTGTATGGGAGCAGAAGAGTGGTGTGTGTTCTCTGT
 TCTTATCTGTGTGCGGGGCCATGTACAGAGCGTCAACAGATTGTGTGAGGCAGGAATGCTGCCCGCT
 TTGCTTCTACAGTCAAGTGTGGTGTTCATGGAGTGGGTGAGGACTTACTGAGGAGGTCATT
 GGCTCAGAGCTGAAGCACTGGGCCACATTTGCTGTGGGCCAGGTGATGGCATCCAGTGCAGTCAGGGA
 GACTGGTCATCCCTGCGTATACCTACTACATCCCTTCTGGTTCTTTGCTTCCAGCTACCATGTAAAC
 CAGGCCTCATTCTCTGATGATCTACAGTGATGACCTAGGGGTACATGGCACCATTGGTAGACTCATTAGG
 CCCATGGTTACAGTAGAATGTGAAGTGGCAGAGGTGACTGGGAGGGCTGGCCACCCTGTGCTATATTGCA
 GTGCCCCGACACCAAACAGGTGCCGGGCGAGGCGCTCAGCACTGACCATGGTGAAGGCTTTCAGAGACT
 GGCCCTGAGTCGACAGCTCTGTGAGCCCCACATGGTTGCCAAGGGAGTGTGGTAAGTTTCCGGCCCTG
 GAGATCCACATAGGTGCCAGGACTCTAGCAGCAAAGATGCACCCACCATTGAGCAGAGCTCTCCAGGCA
 GTTCACTGAGGCTGGAGGAGGAAGCTGGAACACCGTCAGAATCATGGCTCTTGTACTCACACCAACCAG
 TAGGAAACAGAGGTTGACCTAGGTATCTATCTCAACCAGACCCCTTGGAGGCTGCCTGCTGTGTCGCGC
 CCTGGATCTTCACTGTGGGCCCTGTGGCTACTCTGATCTGGCTGCTCTGGAGGAGGAGGCTTGTGTTG
 GGTGTTTGTGTTGAATGTGGGACCAAGCAAGAGTGTGAGCAGATTGCCTTCCGCCTGTTTACACACCGGA
 GATCCTGAGTCACCTGCAGGGGACTGCACCAGCCCTGGTAGGAACCAAGCCAATTCAAAGCAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLWTSGPFCRVPSEAGNLCSTLRLSREALGGDELQTNIRARGCGTEERRRPLGTEVGPGLLEL SWRGWRW
 CRSHAVVGTETLAGGRGSAEGAGRERARGVQRLAPTATDYSLRPPLFVAVTCFRQSTRSSLLGACLRLV
 RLSCFSLSILLCLSLPSLGAGASSGLRRMRPADLPPRMEEESPASSAPTETEEPGSSAEVMEVTTCSF
 NSPLFRQEDDRGITYRIPALLYIPPTHFLAFAEKSTRRDEDLHLVLRRLRIGQLVQWGPKPLMEA
 TLPGHRTMNPVWEQKSGCVLFFICVRGHVTERQQIVSGRNAARLCFIYSQDAGCSWSEVRDLTEEVI
 GSELKHWATFVGPBGHIGLQSGRLVIPAYTYYIPSWFFCFQLPCKTRPHSLMIYSDDLGVTWHHGLIR
 PMVTVECEVAEVTGRAGHPVLYCSARTPNRCRAEALSTDHGEFGRLALSRQLCEPPHGCQGSVVSFRPL
 EIPHRCDSSSKDAPTIQQSSPGSSLRLEEEAGTPSESWLLYSHPTSRKQVRDLGIYLNQTPLEAACWSR
 PWILHCGPCGYSDLAALEEEGLFGCLFECGKQECEQIAFRLFTHREILSHLQGDCTSPGRNPSQFKSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006656
ORF Size:	1383 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_006656.5</u>
RefSeq Size:	2748 bp
RefSeq ORF:	1386 bp
Locus ID:	10825
UniProt ID:	<u>Q9UQ49</u>
Cytogenetics:	11q13.4
MW:	52.1 kDa