

Product datasheet for **RC228414A1V**

Human NRG3 (NM_001165973) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NRG3 (NM_001165973) AAV Particle
Tag:	Myc-DDK
Symbol:	NRG3
Synonyms:	HRG3; pro-NRG3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC228414 representing NM_001165973
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTGTGGTATACCTCCAACCTTGTATGCGTTGGGAGAGGAGGGGACTACACACGATCAATATAA
 TCATCTGGTATTATTTTCCTTCTGCCTGGAGGACTTGCTTTAACATTTCAAGTAGTGTGGGTCTGCTGCT
 GACGAATTCATACAAATTTTATACGACGACATATTCCACAGAGCGATCCGAGCACTTCAAACCTGCCGA
 GACAAGGACCTTGCATACTGTCTCAATGATGGCGAGTGCTTTGTGATCGAAACCTGACCGGATCCCAT
 AACACTGTGCGTGCAAAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAAAAGTATTCCAT
 CTTATCGGATCCAACAGACCACTTGGGATTGAATTTCATGGAGAGTGAAGAAGTTTATCAAAGGCAGGTG
 CTGTCAATTTTCATGTATCATCTTTGAATTGTCATCGTGGCATGTTCTGTGCAGCATTCTACTTCAAAA
 GCAAGAAACAAGCTAAACAAATCCAAGAGCAGCTGAAAGTGCCACAAAATGGTAAAGCTACAGTCTCAA
 AGCATCCAGCACAAATGGCAAAGTCAGAGAACTTGGTGAAGAGCCATGTCCAGCTGCAAAATTATTCAAAG
 GTGGAAAGGCATCCTGTGACTGCATTGGAGAAAATGATGGAGTCAAGTTTGTGCGCCCCAGTCATTCC
 CTGAGGTCCCTTCTCCTGACAGAGGAAGCCAGTCTGTCAAACACACAGGAGTCTATCCTCTTGTCGACG
 CCCAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAGAAGGACACCCCCGTACCCCCGAAGTAGG
 CTAGGTGGAATTGTGGGACCAGCATATCAGCAACTCGAAGAATCAAGGATCCCAGACCAGGATACGATAC
 CTTGCCAAGGGATAGAGGTGAGGAAGACTATATCCACCTGCCTATACAGCTGTGGTGTGTTGAAAGACC
 CCTGGACTTAAAGTATTCATCCAGTGGTTTAAAAACCAACGAAATACATCAATAATATGCAACTGCCT
 TCAAGAGAGACAAACCCCTATTTAATAGCTTGGAGCAAAAGGACCTGGTGGGCTATTCATCCACAAGGG
 CCAGTTCTGTGCCATCATCCCTTCAGTGGGTTTAGAGGAAACCTGCCTGCAAAATGCCAGGGATTCTGA
 AGTCAAAAGCATCAAATGGTGCAAAAACCTCTATTTCAGCTGACGTTGTCAATGTGAGTATTCAGTCAGC
 GATTGTCTTATAGCAGAACAAAGAAGTGAATAATTGCTAGAACTGTCCAGGAGCAGATCCGAATTC
 TGACTGATGCCAGACGGTCAGAAGACTACGAACTGGCCAGCGTAGAAACCGAGGACAGTCAAGCGAAAA
 CACAGCCTTTCTCCCCCTGAGTCCCACAGCCAAATCAGAACGAGAGGCGCAATTTGTCTTAAGAAATGAA
 ATACAAAGAGACTCTGCATTGACCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MECGIPPTLVCGVRGGGLHTINIIWYFPSAWRTCFNISSSVGLLLTNSYKFYTTTTYSTERSEHFKPCR
 DKDLAYCLNDGECFVIETLTGSHKHCRCKEGYQGVRCDFLPKTDLSILSDPTDHLGIEFMESEEVYQRQV
 LSISCIIFGIVIVGMFAAFYFKSKKQAKQIQEQLKVPQNGKSYSLKASSTMAKSENLVKSHVQLQNYSK
 VERHPVTALEKMMESSFVGPQSFPEVPSPDGRGSQSVKHHRSLSSCCSPGQSRGMLHRNAFRTPPSRPR
 LGGIVGPAYQQLSESRIPDQDTPCQGIIEVRKTIISHLPIQLWCVERPLDLKYSSSGLKTQRNTSINMQLP
 SRETNPFNSLEQKDLVGYSSTRASSVPIIPSVGLEETCLQMPGISEVKSIIKWCKNSYSADVNVNVSIPVS
 DCLIAEQEVKILLETVQEIRILTDARRSEDYELASVETEDSASENTAFLPLSPTAKSERAQFVLRNE
 IQRDSALTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001165973

ORF Size:

1497 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_001165973.1</u> , <u>NP_001159445.1</u>
RefSeq ORF:	1500 bp
Locus ID:	10718
UniProt ID:	<u>P56975</u>
Cytogenetics:	10q23.1
MW:	55.9 kDa