

## Product datasheet for **RC224516A1V**

### Human **NRG1** (NM\_013959) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human NRG1 (NM_013959) AAV Particle
Tag:	Myc-DDK
Symbol:	NRG1
Synonyms:	ARIA; GGF; GGF2; HGL; HRG; HRG1; HRGA; MST131; MSTP131; NDF; NRG1-IT2; SMDF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224516 representing NM_013959 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGATTTATCCCCAGACATGTCTGAGGTCGCCGCCGAGAGGTCCTCCAGCCCCTCCACTCAGCTGA  
GTGCAGACCCATCTCTTGATGGGCTCCGGCAGCAGAAGACATGCCAGAGCCCAGACTGAAGATGGGAG  
AACCCCTGGACTCGTGGGCTGGCCGTGCCCTGCTGTGCGTGCCTAGAAGCTGAGCGCCTGAGAGGTTGC  
CTCAACTCAGAGAAAATCTGCATTGCCCCATCCTGGCTTGCCTGGTCAGCCTCTGCCTCTGCATCGCCG  
GCCTCAAGTGGGATTTGTGGACAAGATCTTGAATAGACTCTCCTACTCACCTTGACCCTGGGGGTT  
AGGCCAGGACCTATTATTTCTCTGGACGCAACTGCTGCCTCAGCTGTGTGGGTGCTGCTGAGGCATAC  
ACTTCACCTGTCTCTAGGGCTCAATCTGAAAGTGAGGTTCAAGTTACAGTGCAAGGTGACAAGGCTGTTG  
TCTCCTTTGAACCATCAGCGGCACCGACACCGAAGAATCGTATTTTGCCTTTTCTTCTTGCCGTCAC  
TGCGCCATCCTTCCCTTCACCCACCGGAACCTGAGGTGAGAACGCCAAGTCAGCAACTCAGCCACAA  
ACAACAGAACTAATCTCAAAGTCTCTAACTTTCTACATCTACATCCACCACTGGGACAAGCCATC  
TTGTAAGTGTGCGGAGAAGGAGAAAATTTCTGTGTGAATGGAGGGAGTGCTTCATGGTGAAAGACCT  
TTCAAACCCCTCGAGATACTTGTGCAAGTGCCCAAATGAGTTTACTGGTGATCGCTGCCAAAACCTACGTA  
ATGGCCAGCTTCTACAGTACGTCCACTCCCTTTCTGTCTCTGCCTGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC224516 representing NM_013959 Red=Cloning site Green=Tags(s)  MEIYSPDMSEVAAERSSSPSTQLSADPSLDGLPAAEDMPEPQTEDGRTPGLVGLAVPCCACLEAERLRGC LNSEKICIVPILACLVSLLCLCIAGLKWVFDKIFEYDSPHLDPGGLGQDPIIISLDATAASAVVWSSEAY TSPVSRQSESEVQVTVQGDKAVVSFEPSSAAPTTPKNRIFAFSFLPSTAPSFPSPTRNPEVRTPKSATQPQ TTETNLQTAPKLSSTSTTGTSHLVKCAEKEKTFVNGGECFMVKDLSNPSRYLCKCPNEFTGDRCQNYV MASFYSTSTPFLSLPE  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_013959
<b>ORF Size:</b>	888 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_013959.1</u>
<b>RefSeq Size:</b>	1860 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	3084
<b>UniProt ID:</b>	<u>Q02297</u>
<b>Cytogenetics:</b>	8p12
<b>MW:</b>	31.5 kDa