

Product datasheet for **RC220134A1V**

Human NRG1 (NM_013956) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NRG1 (NM_013956) 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)



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ORF Nucleotide Sequence:

>RC220134 representing NM_013956
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGAGCGCAAAGAAGGCAGAGGCAAAGGGAAGGCAAGAAGAAGGAGCGAGGCTCCGGCAAGAAGC
 CGGAGTCCGCGCGGGCAGCCAGAGCCAGCCTTGCCTCCCAATTGAAAGAGATGAAAAGCCAGGAATC
 GGCTGCAGGTTCCAACTAGTCCTTCGGTGTGAAACCAAGTTCTGAATACTCCTCTCTCAGATTCAAGTGG
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 ATTAGGAAATGACAGTGCCTCTGCCAATATCACCATCGTGAATCAAACGAGATCATCACTGGTATGCCA
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 ACTGTCACCCAGACTCCTAGCCACAGCTGGAGCAACGGACACACTGAAAGCATCCTTTCCGAAAGCCACT
 CTGTAATCGTGATGTATCCGTAGAAAACAGTAGGCACAGCAGCCCACTGGGGGCCAAGAGGACGTCT
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 CGAGACTCTCCTCATAGTGAAAGGTATGTGTACGCCATGACCACCCCGGCTCGTATGTACCTGTAGATT
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 CATGCCTTCCATGGCGGTCAGCCCCCTTCATGGAAGAAGAGAGACCTCTACTTCTCGTGACACCACCAAGG
 CTGCGGGAGAAGAAGTTTGACCATCACCTCAGCAGTTCAGCTCCTTCCACCACAACCCCGCGCATGACA
 GTAACAGCCTCCCTGCTAGCCCCCTTGAGGATAGTGGAGGATGAGGAGTATGAAACGACCCAAGAGTACGA
 GCCAGCCCAAGAGCCTGTTAAGAACTCGCCAATAGCCGGCGGGCCAAAAGAACCAAGCCCAATGGCCAC
 ATTGCTAACAGATTGGAAGTGGACAGCAACACAAGCTCCAGAGCAGTAACTCAGAGAGTGAAACAGAAG
 ATGAAAGAGTAGGTGAAGATACGCCTTTCCTGGGCATACAGAACCCCTGGCAGCCAGTCTTGAGGCAAC
 ACCTGCCTTCGCCTGGCTGACAGCAGGACTAACCCAGCAGTCCGCTTCTCGACACAGGAAGAAATCCAG
 GCCAGGCTGTCTAGTGAATTGCTAACCAAGACCTATTGCTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220134 representing NM_013956 Red=Cloning site Green=Tags(s) MSEKKEGRGKGKGGKKKERGSGKKPESAAGSQSPALPPQLKEMKSQESAAGSKLVLCETSSEYSSLRFKW FKNGNELNRKNKPQNIKIQQKPGKSELIRINKASLADSGEYMCKVISKLGNDSASANITIVESNEIITGMP ASTEGAYVSSSPIRISVSTEGANTSSSTSTTTGTSHLVKCAEKEKTCVNGGECFMVKDLSNPSRYLC KCPNEFTGDRQNYVMASFYKHLGIEFMAEELYQKRVLTITGICIALLVVGIMCVVAYCKTKKQKKLH DRLRQSLRSENNMMNIANGPHHPNPPPENQVLNQYVSKNVISSEHIVEREAETSFSTSHYTSTAHST TVTQTPSHSWNGHTESILSESHSVIVMSSVENSRRHSSPTGGPRGRLNGTGGPRECNSFLRHARETPDSY RDSPHSERYVSAMTTPARMSPVDFHTPSSPKSPPSEMSPVSSMTVSMPSMAVSPFMEERPLLLVTPPR LREKKFDHHPQQFSSFHHPAHDNSNLPASPLRIVEDEEYETTQEYEPQEPVKKLANSRRAKRTKPNGH IANRLEVDSNTSSQSSNSESETEDERVGEDTPFLGIQNPLAASLEATPAFRLADSRTNPAVRFTQEEIQ ARLSSVIANQDPIAV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013956
ORF Size:	1935 bp
Buffer:	PBS with 0.001% Pluronic F8117
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_013956.2</u>
RefSeq Size:	2583 bp
RefSeq ORF:	1938 bp
Locus ID:	3084
UniProt ID:	<u>Q02297</u>
Cytogenetics:	8p12
MW:	71 kDa