

Product datasheet for **RC201374A1V**

Human NDRG1 (NM_006096) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDRG1 (NM_006096) AAV Particle
Tag:	Myc-DDK
Symbol:	NDRG1
Synonyms:	CAP43; CMT4D; DRG-1; DRG1; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; RTP; TARG1; TDD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201374 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTCGGGAGATGCAGGATGTAGACCTCGCTGAGGTGAAGCCTTTGGTGGAGAAAGGGAGACCATCA
CCGGCCTCCTGCAAGAGTTTGATGTCCAGGAGCAGGACATCGAGACTTTACATGGCTCTGTTACAGTCAC
GCTGTGTGGGACTCCCAAGGGAACCGGCTGTATCCTCACCTACCATGACATCGGCATGAACCACAAA
ACCTGCTACAACCCCTCTTCAACTACGAGGACATGCAGGAGATCACCCAGCACTTTGCCGTCTGCCACG
TGGACGCCCCCTGGCCAGCAGGACGGCGCAGCCTCCTTCCCGCAGGGTACATGTACCCCTCCATGGATCA
GCTGGCTGAAATGCTTCCTGGAGTCCTTCAACAGTTTGGGCTGAAAAGCATTATTGGCATGGGAACAGGA
GCAGGCGCCTACATCCTAACTCGATTTGCTCTAAACAACCTGAGATGGTGGAGGGCCTTGCTCTTATCA
ACGTGAACCTTTGTGCGGAAGGCTGGATGGACTGGGCCGCTCCAAGATCTCAGGATGGACCCAAGCTCT
GCCGGACATGGTGGTGTCCACCTTTTGGGAAGGAAGAAATGCAGAGTAACGTGGAAGTGGTCCACACC
TACCGCCAGCACATTGTGAATGACATGAACCCGGCAACCTGCACCTGTTCAATGCCTACAACAGCC
GGCGGACCTGGAGATTGAGCGACCAATGCCGGAACCCACACAGTCACCCTGCAGTGCCTGCTCTGTT
GGTGGTTGGGGACAGCTCGCTGCAGTGGATGCCGTGGTGGAGTGCAACTCAAAATTGGACCCAACAAAG
ACCACTCTCCTCAAGATGGCGGACTGTGGCGGCTCCCGCAGATCTCCAGCCGGCCAAGCTCGCTGAGG
CCTTCAAGTACTTCGTGCAGGGCATGGGATACATGCCCTCGGCTAGCATGACCCGCTGATGCGGTCCCG
CACAGCCTCTGTTCCAGCGTCACTTCTCTGGATGGCACCCGAGCCGCTCCACACCAGCGAGGGCACC
CGAAGCCGCTCCACACCAGCGAGGGCACCCGAGCCGCTCGCACACCAGCGAGGGGGCCCACTGGACA
TACCCCCAACTCGGGTGTCTGTGGGAACAGCGCCGGGCCAAGTCCATGGAGGTCTCTCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201374 protein sequence Red=Cloning site Green=Tags(s) MSREMQDVLAEVKPLVEKGETITGLLQEFQVQEQDIETLHGSHVHTLCGTPKGNRPVILTYHDIGMNHK TCYNPLFNYEDMQEITQHFVCHVDAPGQDGAASFPAGYMYPMSMDQLAEMLPGLVQQFGLKSIIGMTG AGAYILTRFALNNPEMVEGLVLINVNCAEGWMDWAASKISGWTQALPDMVVSHLFGKEEMQSNVEVVHT YRQHIYNDMNPGLHLFINAYNSRRDLEIERPMPGTHVTQLCPALLVVGDSPPAVDAVVECNKLDPTK TTLLKMADCGGLPQISQPAKLAEAFKYFVQGMGYMPSASMTLRMSRTASGSSVTSLDGTRSRSHSEGT RSRSHSEGTSRSHSEGAHLDTNPNSGAAGNSAGPKSMEVSC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006096
ORF Size:	1182 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:	NM_006096.2
RefSeq Size:	3123 bp
RefSeq ORF:	1185 bp
Locus ID:	10397
UniProt ID:	Q92597
Cytogenetics:	8q24.22
MW:	42.8 kDa