

Product datasheet for **RC221301A1V**

Human NDRG4 (NM_022910) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human NDRG4 (NM_022910) AAV Particle
Tag: Myc-DDK
Symbol: NDRG4
Synonyms: BDM1; SMAP-8; SMAP8
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC221301 representing NM_022910
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGCTGCAGGAGCTGCGATTCCCTGAGGAGAAGCCGCTGCTCCGGGGCCAGGACGCCACCGAGC
TGGAGAGCTCCGATGCCTTCTCTTGGCTGCAGACACAGACTGGAAGGAACATGACATCGAGACACCCTA
CGGCCTTCTGCATGTAGTGATCCGGGGCTCCCCAAGGGGAACCGCCAGCCATCCTCACCTACCATGAT
GTGGCCCTCAACCACAACTATGCTTCAACACCTTCTCAACTCGAGGACATGCAGGAGATCACCAAGC
ACTTTGTGGTGTGCACGTGGATGCCCTGGACAACAGGTGGGGCGTGCAGTTTCTCAGGGGTACCA
GTTCCCTCCATGGAGCAGCTGGCTGCCATGCTCCCCAGCGTGGTGCAGCATTTTCGGTTCAAGTATGTG
ATTGGCATCGGAGTGGGCGCCGAGCCTATGTGCTGGCCAAGTTTGCACTCATCTTCCCCGACCTGGTGG
AGGGGCTGGTGTGGTGAACATCGACCCCAATGGCAAAGGCTGGATAGACTGGGCTGCCACCAAGCTCTC
CGGCCTAACTAGCACTTACCCGACACGGTGTCTCCACCTTTCAGCCAGGAGGAGCTGGTGAACAAC
ACAGAGTTGGTGCAGAGCTACCGGCAGCAGATTGGGAACGTGGTGAACCAGGCCAACCTGCAGCTCTTCT
GGAACATGTACAACAGCCGAGAGACTGGACATTAACCGGCCTGGAACGGTGCCAATGCCAAGACGCT
CCGCTGCCCGTGATGCTGGTGGTTGGGATAATGCACCCGCTGAGGACGGGTGGTGGAGTGAACCTC
AACTGGACCCGACCACTACGACCTTCTGAAGATGGCAGACTCTGGAGGGCTGCCCCAGGTACACAGC
CAGGGAAGCTGACTGAAGCCTTCAAATACTTCTGCAAGGCATGGGCTACATGCCCTCAGCCAGCATGAC
CCGCTGGCAGCTCCCGCACTGCATCCCTCACCAGTGCCAGCTCGGTGGATGGCAGCCGCCACAGGCC
TGCACCACTCGGAGAGCAGCGAGGGGCTGGGCCAGGTCAACCACCCATGGAGGTGTCTCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC221301 representing NM_022910 Red=Cloning site Green=Tags(s)</p> <p>MAGLQELRFPEEKPLLRGQDATELESSDAFLLAADTDWKEHDIETPYGLLHVIVIRGSPKGNRPAILTYHD VGLNHKLCFNTEFFNFEDMQEITKHFVVCHVDAPGQQVGASQFPQGYQFPSMEQLAAMPLSVVQHFGFKYV IGIGVGAGAYVLAKFALIFPDLVEGLVLVNIDPNGKGWIDWAATKLSGLTSTLPDVLSHLFSQEELVNN TELVQSYRQQIGNVVNQANLQLFWNMYNSRRDLINRPGTVPNAKTLRCPVMLVVDNAPAEADGVVECNS KLDPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTRLARSRTASLTSASSVDGSRPQA CTHSESSEGLGQVNHTMEVSC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022910
ORF Size:	1113 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_022910.1</u> , <u>NP_075061.1</u>
RefSeq Size:	3453 bp
RefSeq ORF:	1116 bp
Locus ID:	65009
UniProt ID:	<u>Q9ULP0</u>
Cytogenetics:	16q21
MW:	40.6 kDa