

Product datasheet for **MR216264**

NdrG3 (NM_013865) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NdrG3 (NM_013865) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: NdrG3
Synonyms: 4833415O14Rik; AI747193; Ndr3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR216264 representing NM_013865
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGAACTTCAGGATGTTCAACTCACAGAGATCAAACCGCTTCTAAATGATAAGAATGGCACACGAA
ACTTCCAGGACTTTGACTGTCAGGAACATGACATTGAAACACCGCATGGTATGGTCCACGTCACCATAAG
AGGCTTACAAAAGGAAACAGACCTGTTATCCTGACATACCACGACATTGGGCTCAACCATAAGTCTGTC
TTCAACACATTCTCAACTTTGAGGATATGCAAGAGATCACCCAGCACTTGCTGTCTGTACGTTGGACG
CTCCTGGCCAACAAGAAGCAGCACCCCTCTCCACAGGGTACCAGTACCCACCATGGATGAGCTAGC
TGAGATGCTGCCTCCTGTTCTCACACACTTAAGTATGAAGAGCATCATTGGTATTGGGGTTGGAGCAGGA
GCCTACATTCTCAGCAGATTTGCACTGAATCATCCAGAGCTGGTGGAAAGGCTTTGTGCTCATTAAACATTG
ACCCGTGTGCTAAGGGCTGGATTGACTGGGCAGCTTCCAACTCTCAGGTTTTACCACCAACATTGTGGA
CATAATTCTGGCTCATCACTTTGGCCAGGAGGATTGCAGGCCAATTTGGACCTCATTCAAACCTACAGA
CTGCACATTGCTCAAGATATCAACCAAGAAAACCTCCAGCTCTCCTGGGTTCTATAATGGGCGCAGAG
ACCTGGAGATCGAAAGGCCTATACTGGCCAAAATGATAACAGATTGAAAACGCTAAAGTGTCTACCTT
ACTGGTGGTGGGGACAATTACCTGCTGTGGAGGCTGTGGTTGAATGTAAATTCTCGCCTCGACCCATA
AATACAACCTTTGCTAAAGATGGCAGACTGTGGAGGACTGCCCAAGTAGTTCAGCCTGGGAAGCTCACCG
AGGCCCTCAAGTACTTTTTGCAGGGAATGGGCTACATACCATCTGCCAGCATGACCCGGCTCGCCGATC
ACGAACCCACTCCACCTCAAGTAGCATTGGCTCTGGAGAAAGTCCCTTTAGCAGGTCTGTGACCAGCAAT
CAGTCAGATGGAACCTCAAGAATCCTGTGAGTCCCTGATGTCCTGGACAGACACCAGACCATGGAAGTGT
CTTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216264 representing NM_013865
 Red=Cloning site Green=Tags(s)

MDELQDVQLTEIKPLLNDKNGTRNFQDFDCQEHDIETPHGMVHVITIRGLPKGNRPVILTYHDIGLNHKSC
 FNTFFNFEDMQEITQHFVAVCHVDAPGQQEAAPSFPTGYQYPTMDELAEMPLPVLTHLSMKSIIGIGVGAG
 AYILSRFALNHPPELVEGLVLINIDPACAKGWIDWAASKLSGFTTNIVDIILAHFQGEELQANLDLIQTYR
 LHIAQDINQENLQLFLGSYNGRRDLEIERPILGQNDNRLKTLKSTLLVVDNSPAVEAVECNSRLDPI
 NTTLLKMADCGLLPQVVQPGKLEAFKYFLQGMGYIPASAMTRLARSRTHSTSSSIGSGESPF SRSVTSN
 QSDGTQESCESPDVLDHRHQTMEVSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

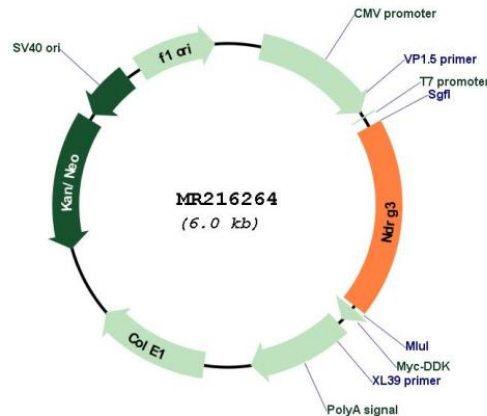
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_013865

ORF Size:	1125 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_013865.2 , NP_038893.1
RefSeq Size:	2644 bp
RefSeq ORF:	1128 bp
Locus ID:	29812
UniProt ID:	Q9QYF9
Cytogenetics:	2 H1
MW:	42 kDa