

Product datasheet for RN216535

NdrG4 (NM_001271093) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NdrG4 (NM_001271093) Rat Untagged Clone
Tag: Tag Free
Symbol: NdrG4
Synonyms: Bdm1; Ndr4; smap8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216535 representing NM_001271093
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGGGGCTGCAGGAGCTGCGATTTCTGAGGAGAAGCCCTTCTCCGGGGCCAGGATGCCACCGAGC
 TGGATAACCCCGATGCCTTCTCTCAGTTGTGGACACGGACTGGAAGGAACATGACATTGAGACGCCTTA
 TGGCCTCTGCATGTGGTGATCCGGGGCTCTCCAAAGGGAACCGCCAGCCATCCTTACCTACCACGAT
 GTGGGTCTCAATCACAAGCTGTGCTTCAACACCCTGTTCAACTTGAGGAGCATGCAGGAGATCACCAAA
 ACTTCGTGGTGTGCCATGTGGATGCCCTGGGCAGCAGGTGGGAGCGTCACAGTTCCTCAGGGATACCA
 GTTCCCCTCCATGGAGCAGCTGGCGACCATGCTCCCGAGTGTGGTACAGCACTTTGGATTCAAGTACGTG
 ATTGGCATCGGAGTGGGGCCGGAGCGTATGTGCTCGCCAAGTTGCACTCATCTTCCCTGATTTGGTGG
 AGGGGCTGGTGTGATGAACATTGACCCCAATGGCAAAGGCTGGATTGATTGGGCTGCCACGAAGCTCTC
 CGGCTTGACCAGCACTTTGCCAGATACTGTACTCTCCATCTCTCAGCCAGGAGGAGCTGGTGAACAAC
 ACGGAGCTGGTGCAGAGCTACCGCAGCAGATCTCGAGCGTGGTGAACCAGGCCAACCTTCAGCTCTTCT
 GGAACATGTACAATAGCCGCAGAGATCTTGACATTAACCGCCTGGGACAGTGCCCAATGCCAAGACACT
 CCGCTGCCAGTGATGCTGGTGGTGGTGAACAATGCACCTGCTGAGGACGGGTGGTTGAGTGAACCTCC
 AAAGTGGACCCAACCACTACAACCTTCCCTGAAGATGGCAGACTCTGGTGGTCTTCTCAGGTGACCCAGC
 CAGGGAAGCTGACTGAGGCCTTCAAATACTTCTGCAGGGCATGGGCTACATTGCACACTTGAAGGACCG
 AAGGCTCAGTGGAGGAGCAGTGCCTCAGCCAGCATGACCCGCTTGCAGCGCTCTCGTACCAGCTCCCTC
 ACCAGCGCAGTTCTGTGGATGGTAGCCGCCCTCAGCCCTGCACCCACTCAGACAGCAGTGGGGGATGG
 GCCAGTCAACCACCATGGAGGTGCTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001271093
Insert Size:	1155 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271093.1</u> , <u>NP_001258022.1</u>
RefSeq Size:	2871 bp
RefSeq ORF:	1155 bp
Locus ID:	64457
Cytogenetics:	19p13