

Product datasheet for RN211777

NdrG4 (NM_031967) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NdrG4 (NM_031967) 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: >RN211777 representing NM_031967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGAGTGCTGGGATGGGGAACATGACATTGAGACGCCTTATGGCCTCCTGCATGTGGTGATCCGGG
 GCTCTCCCAAAGGAACCGCCAGCCATCCTTACCTACCAGGATGTGGGTCTCAATCACAAGCTGTGCTT
 CAACACCTGTCAACTGGAGGACATGCAGGAGATCACCAAACACTTCGTGGTGTGCCATGTGGATGCC
 CCTGGGCAGCAGGTGGGAGCGTCACAGTCCCTCAGGGATACCAGTTCCTCCATGGAGCAGCTGGCGA
 CCATGCTCCCGAGTGTGGTACAGCACTTTGGATTCAAGTACGTGATTGGCATCGGAGTGGGGCCGGAGC
 GTATGTGCTCGCCAAGTTTGCACATCTTCCCTGATTTGGTGGAGGGGCTGGTGTGATGAACATTGAC
 CCCAATGGCAAAGGCTGGATTGATTGGGCTGCCACGAAGCTCTCCGGCTTGACCAGCACTTTGCCAGATA
 CTGTACTCTCCCATCTTTCAGCCAGGAGGAGCTGGTGAACAACCGGAGCTGGTGCAGAGCTACCGGCA
 GCAGATCTCGAGCGTGGTGAACCGGCAACCTTCAGCTCTTCTGGAACATGTACAATAGCCGCAGAGAT
 CTTGACATTAACCGCCCTGGGACAGTGCCAATGCCAAGACACTCCGCTGCCAGTGATGCTGGTGGTCG
 GTGACAAATGCACCTGCTGAGGACGGGGTGGTGTGAGTGAACCTCAAACCTGGACCAACCACTACAACCTT
 CCTGAAGATGGCAGACTCTGGTGGTCTTCTCAGGTGACCCAGGGAAGCTGACTGAGGCCTTCAAA
 TACTTCTGCAGGGCATGGGCTACATTGCACACTTGAAGGACCGAAGGCTCAGTGGAGGAGCAGTGCCCT
 CAGCCAGCATGACCCGCCTTGCGCGCTCTCGTACCAGTCCCTCACCAGCGCCAGTTCTGTGGATGGTAG
 CCGCCCTCAGCCCTGCACCCACTCAGACAGCAGTGAGGGGATGGGCCAGGTCAACCACACCATGGAGGTG
 TCCTGCTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031967



Insert Size:	1059 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).
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_031967.2, NP_114173.2</u>
RefSeq Size:	2789 bp
RefSeq ORF:	1059 bp
Locus ID:	64457
Cytogenetics:	19p13