

Product datasheet for **RN215381**

NdrG2 (NM_133583) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NdrG2 (NM_133583) Rat Untagged Clone
Tag: Tag Free
Symbol: NdrG2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215381 representing NM_133583
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAGCTTCAGGAGGTGCAGATCACTGAGGAGAAGCCACTGTTGCCAGGACAGACGCCTGAGGCTG
CCAAGACTCATTCTGTGGAGACACCTTATGGCTCCGTCACCTTTACCGTGTATGGCACCCCCAAACCCAA
ACGTCCAGCGATATTCACCTACCATGATGTAGGACTCAACTATAAATCTTGCTTCCAGCCACTGTTTCAG
TTCGGGGATATGCAAGAGATCATACAGAACTTCGTGCGGGTCCATGTGGATGCCCTGGAATGGAAGAGG
GGGCACCTGTGTTTCTCTGGGGTACCAGTACCCATCTCTGGACCAGCTTGCAGACATGATTCTTGCAT
CCTGCAGTACTTAAATTTCTCTACGATAATTGGAGTTGGCGTTGGAGCTGGAGCATACTTCTGTACCGA
TACGCTCTGAACACCCGGACACCGTTGAAGGTCTTGTCTCATCAACATTGATCCCAACGCCAAGGGCT
GGATGGATTGGGAGCCACAAGTTAACCGGCCTTACGTCTTCCATTCCGGAGATGATTCTTGGGCACCT
TTTCAGCCAGGAAGAGCTTTCTGGAATTTCTGAATTGATACAGAAGTATAGAAGTCTCATCACACACCGG
CCCAACCTGGAGAACATCGAACTGTATTGGAACAGTTACAACAACCGCCGAGACCTGAACCTTGGAGCG
GTGGTGGATGACCTCAAGTGCCTGATGCTGGTGGTGGAGACCAAGCACCTCATGAAGATGCCGT
GGTGGAAATGTAATTCAAACCTGGACCCACACAGACCTCATTCTCAAGATGGCGGACTCTGGAGGTCAG
CCGAGCTGACTCAGCCAGGCAAGCTGACAGAAGCTTCAAGTACTTCGTGCAAGGCATGGGCTACATGG
CCTCATCTGTATGACTCGCTGTCTCGGTCTCGCACAGCATCTCTGACCAGTGGCGCATCCATCGATGG
CAGTCGGTCCCGATCCCGCACCTGTGCGAGAGTAGCGAGTCTGGGACTCTCCCTTCTGGACCCCGGGG
CACACCATGGAAGTCTCCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133583
Insert Size: 1074 bp



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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:	NM_133583.2 , NP_598267.2
RefSeq Size:	2000 bp
RefSeq ORF:	1074 bp
Locus ID:	171114
UniProt ID:	Q8VBU2
Cytogenetics:	15p14
Gene Summary:	may play a significant role in mineralocorticoid signaling [RGD, Feb 2006] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 2 and 4 both encode the same isoform (b).