

## Product datasheet for **MG206063**

### **Ndr3 (BC018504) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ndr3 (BC018504) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ndr3  
**Synonyms:** 4833415O14Rik; A1747193; Ndr3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206063 representing BC018504  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATGAACTTCAGGATGTTCAACTCACAGAGATCAAACCGCTTCTAAATGATAAGAATGGCACACGAA  
 ACTTCCAGGACTTTGACTGTCAGGAACATGACATTGAAACACCGCATGGTATGGTCCACGTCACCATAAG  
 AGGCTTACAAAAGGAAACAGACCTGTTATCCTGACATACCACGACATTTGGGCTCAACCATAAGTCCTGC  
 TTCAACACATTCTCAACTTTGAGGATATGCAAGAGATCACCCAGCACTTTGCTGTCTGTCACGTGGACG  
 CTCTGGCCAACAAGAAGCAGCACCTCCTTCCCACAGGGTACCAGTACCCACCATGGATGAGCTAGC  
 TGAGATGCTGCCTCCTGTTCTCACACACTTAAGTATGAAGAGCATCATTGGTATTGGGGTTGGAGCAGGA  
 GCCTACATTCTCAGCAGATTTGCACTGAATCATCCAGAGCTGGTGGAAAGTCTTGTGCTCATTAAACATTG  
 ACCCGTGTGCTAAGGGCTGGATTGACTGGGCAGCTTCAAACCTCTCAGGTTTTACCACCAACATTGTGGA  
 CATAATTCTGGCTCATCACTTTGGCCAGGAGGAGTTGCAGGCCAATTTGGACCTCATTCAAACCTACAGA  
 CTGCACATTGCTCAAGATATCAACCAAGAAAACCTCCAGCTCTTCTGGGTTCTATAATGGGCGCAGAG  
 ACCTGGAGATCGAAAGGCCTATACTGGCCAAAATGATAACAGATTGAAAACGCTAAAGTGTCTACCTT  
 ACTGGTGGTGGGGACAATTCACCTGCTGTGGAGGCTGTGGTTGAATGTAATTCTCGCCTCGACCCTATA  
 AATAACAATTTGCTAAAGATGGCAGACTGTGGAGGACTGCCCAAGTAGTTCAGCCTGGGAAGCTCACCG  
 AGGCCTTCAAGTACTTTTTGCAAGGAATGGGCTACATCCCGTATGTGCAGCTCAGTCACCTCAGCAGCGA  
 GTCAGTACCATCTGCCAGCATGACCCGGCTCGCCGATCACGAACCCACTCCACCTCAAGTAGCATTGGC  
 TCTGGAGAAAGTCCCTTTAGCAGGTCTGTGACCAGCAATCAGTCAGATGGAACCTCAAGAATCCTGTGAGT  
 CCCCTGATGTCCTGGACAGACACCAGACCATGGAAGTGTCTTGC

AC**CGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTAA



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**Protein Sequence:** >MG206063 representing BC018504  
Red=Cloning site Green=Tags(s)

MDELQDVQLTEIKPLLNKNGTRNFQDFDCQEHDIETPHGMVHVTIRGLPKGNRPVILTYHDIGLNLHKSC  
 FNTFFNFEDMQEITQHFVAVCHVDAPGQQEAAPSFTGYQYPTMDELAEMLPVVLTHLSMKSIIGIGVGAG  
 AYILSRFALNHPPELVEGLVLINIDPACAKGWIDWAASKLSGFTTNIVDIILAHFQGEEQLANLDLIQTYR  
 LHIAQDINQENLQLFLGSYNGRRDLEIERPILGQNDNRLLKTLKSTLLVVDNSPAVEAVVECNRLDPI  
 NTTLLKMADCGGLPQVVQPGKLTEAFKYFLQGMGYIPYVQLSHLSSESVPSASMTLARSRTHTSTSSSIG  
 SGESPFSRSVTSNQSDGTQESCESPDVLDHRHQTMEVSC

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC018504

**ORF Size:** 1166 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:**

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:** [BC018504](#), [AAH18504](#)

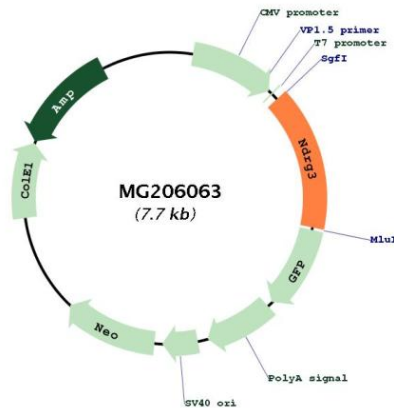
**RefSeq Size:** 2628 bp

**RefSeq ORF:** 1166 bp

**Locus ID:** 29812

**Cytogenetics:** 2 H1

**Product images:**



Circular map for MG206063