

Product datasheet for **RN211854**

Nmd3 (NM_001107682) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmd3 (NM_001107682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nmd3
Synonyms:	RGD1308468
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211854 representing NM_001107682
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTACATGACAGAATCTGTTGACCGCAGCCCGGACACATCTTGTGCTGTGAATGTGGTGTCCCAA
 TTAGTCCAAATCCTGCCAATATTTGTGTGGCCTGTTTACGAAGTAAAGTTGACATCAGCCAAGGTGTTCC
 AAAGCAGGTCTCCATTTCTTTCTGCAAACAATGTCAAAGATATTTTCAGCCACCAGCATCATGGGTACAG
 TGTGCTTTAGAATCCAGGGAACCTTCTGCTTTGTGTTGAAAAAATTAAGCTCCTCTGAGTAAGGTTC
 GGCTTGTGACGCAGGCTTTGTTGGACTGAGCCTCATTCCAAGAGACTTAAAGTTAAATTGACAATTCA
 GAAAGAGGTGATGAATGGTGCTATCCTGCAGCAAGTGTGTTGGTGGATTATGTTGTTCCAGTCCCAAATG
 TGTGGAGACTGCCATAGAGTAGAAGCTAAGGATTTCTGGAAGGCTGTGATCCAAGTCAGGCAGAAGACTC
 TGCACAAGAAAACATTCTACTATCTGGAACAGTTAATTCTGAAAATGGAATGCATCAGAATACTCTGCC
 TATCAAGGAGATTCATGATGGTCTGGATTTTTATTATTCTCAAACAGCATGCTCAGAAGATGGTGGAG
 TTTCTTCAGGGTACAGTTCCTGTAGATACAAATCATCACAAGATTGATCTCCCAGGATATTCATAGTA
 ACACATACAATTACAAGAGTACTTTTTCTGTGGAATTTGTTCCAATATGCAAGGATAATGTTGTCTGTCT
 GTCACCAAAACTGGCACAGACCTTGGAAATATGAACCAGATATGATTTGTATACGAGTAACTAGTGCC
 ATCCATCTCATAGACCAAAATACCTTACAAGTTGCAGACATTGATGGGAACACCTTCTGGAGTCACCTT
 TCAATAGTTTATGCCATCCTAACAGCTAGAAGAATTTATTGTGATAGAATGCAGCATAGTCCGAGATCT
 GAAGCGAAACGCGGGGGCTGGAGTGATCAAGAAGCACACCCTTGGGGAAGTCTGGATCCAGAAGACA
 TCTGAAATGGATACAGATAAACAGTATTTTCCCGGACTCACTTGGGACATCTTTTAAATCCTGGAGACC
 TGGTGTGGGATTTGATTTGGCCAACGTAACTTAAATGATGAGCATGTCAACAAAATGAAATCAGATAG
 AGTTCAGATGTGGTCTTGATTAAGAAGAGCTATGACCGTACCAACGCCAGCGCCGTAGAAACTGGAAA
 CTGAAAGAGCTTGCAAGAGACAGAGAAGACATGGACACAGATGATGAAAGCAATATCAAGATTTTCTTG
 AAGATCTTGAAGAAGATGAGACAATTAGAAAAATGTCAACATTTACAGAGATTC AACCGTCCCTGTGGA
 AAGTGACACAGATGATGAAGGAGCGCCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCGATTTCT
 CAAGATGCTACTGGTGAAGAAGGTGCATCAATGATGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107682

Insert Size: 1512 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:

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_001107682.2](#), [NP_001101152.1](#)

RefSeq Size: 1848 bp

RefSeq ORF: 1512 bp

Locus ID: 310512

Cytogenetics: 2q32