

Product datasheet for **MC216943**

Nmd3 (NM_133787) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmd3 (NM_133787) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmd3
Synonyms:	C87860
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216943 representing NM_133787
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTACATGGCAGAGTCCATTGAGCACAGCCCGGACACATCTTGTGCTGTGAATGTGGTGTCCCAA
 TTAGTCCAAATCCTGCCAATATTTGTGTGGCCTGTTTACGAAGTAAAGTTGACATCAGCCAAGGTGTTCC
 AAAGCAGGTCTCCATTTCTTTCTGCAAACAGTGTGAGAGATATTTTCAGCCACCAGCATCATGGGTACAG
 TGTGCTTTAGAGTCCAGGGAACCTTGTGCTTTGTGTTGAAAAAATTAAGCTCCTCTGAGTAAGGTTCC
 GGCTTGTGCGATGCAGGCTTTGTTGGACTGAGCCCATCCAAGAGACTTAAAGTTAAATTGACAATTCA
 GAAAGAGGTGATGAATGGTGCTATCCTGCAGCAAGTGTGTTGGTGGATTATGTTGTTCCAGTCCCAAATG
 TGTGGAGACTGCCATAGAGTGGAAGCTAAGGATTTCTGGAAGGCTGTGATCCAAGTCAGGCAAAAGACTC
 TACACAAGAAAACATTCTACTATCTGGAACAGTTGATTTTAAAAATGGAATGCATCAGAATACACTGCG
 TATCAAGGAGATTCATGATGGTCTGGATTTTTATTATTCTCAAACAGCATGCTCAGAAGATGGTGGAG
 TTTCTTCAGGGTATAGTTCCCTGTAGATACAAAGCATCACAAGATTGATCTCTCAGGATATTCATAGTA
 ACACATACAATTACAAGAGTACTTTTTCTGTGGAATTTGTTCCAATATGCAAGGATAATGTTGTCTGTCT
 ATCACAAAACCTGGCACAGACCTTGGAAATATGAGTCAGATATGATTTGTATACGAGTAACTAGTGCC
 ATCCACCTCATAGACCAAAATACCCTACAAGTTGCAGATATTGATGGAACACTTTCTGGAGTCATCCTT
 TCAATAGTTTATGCCATCCTAAACAGCTCGAAGAGTTTATTGTGATAGAATGCAGCACAGTCCGAGATCT
 GAAGCGAAGTGGGGGGCTGGAGTGATCAAAAAAGCACACCCTGGGGAGTCTGGATCCAGAAGACA
 TCTGAAATGAATACAGATAAACAGTATTTTGGCGAACTCACTTGGGACATCTTTTAAATCCTGGAGACC
 TGGTGTGGGATTTGATTTGGCCAACGTAACTTAAATGATGAGTATGTCAACAAAATGAACTCAGACAG
 AGTTCCAGATGTGGTGTAAATTAAGAAGAGCTATGACCGCACCAACGCCAGCGCCGTAGAAACTGGAAA
 CTGAAAGAGCTTGCAAGAGACAGAGAAAACATGGACACAGATGATGAAAGCAATATCAAGATTTTCTTG
 AAGATCTTGAAGAAGATGAGGCAATTAGAAAACATGTCAACATTTACAGAGATGCAACCATCCCTGTGGA
 AAGTGACACAGATGATGAAGGAGCACCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCATATTTCT
 CAAGATGCCACTGGTGAAGAAGGTGCATCAATGATGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_133787
- 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_133787.2](#), [NP_598548.1](#)

RefSeq Size: 1739 bp

RefSeq ORF: 1512 bp

Locus ID: 97112

UniProt ID: [Q99L48](#)

Cytogenetics: 3 E1

Gene Summary: Acts as an adapter for the XPO1/CRM1-mediated export of the 60S ribosomal subunit.
[UniProtKB/Swiss-Prot Function]