

Product datasheet for **MR208077**

Nmd3 (NM_133787) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR208077 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTACATGGCAGAGTCCATTGAGCACAGCCCGGACACATCTTGTGCTGTGAATGTGGTGTCCCAA
 TTAGTCCAAATCCTGCCAATATTTGTGTGGCCTGTTACGAAGTAAAGTTGACATCAGCCAAGGTGTTCC
 AAAGCAGGTCTCCATTTCTTTCTGCAAACAGTGTGAGAGATATTTTCAGCCACCAGCATCATGGGTACAG
 TGTGCTTTAGAGTCCAGGGAACCTTGTGCTTTGTGTTGAAAAAATTAAGCTCCTCTGAGTAAGGTTT
 GGCTTGTGCGATGCAGGCTTTGTTGGACTGAGCCCCATTCCAAGAGACTTAAAGTTAAATTGACAATTCA
 GAAAGAGGTGATGAATGGTGCTATCCTGCAGCAAGTGTGTTGGTAGATTATGTTGTTCACTCCCAATG
 TGTGGAGACTGCCATAGAGTGGAAGCTAAGGATTTCTGGAAGGCTGTGATCCAAGTCAGGCAAAAGACTC
 TACACAAGAAAACATTCTACTATCTGGAACAGTTGATTTTAAAAATATGGAATGCATCAGAATACACTGCG
 TATCAAGGAGATTCATGATGGTCTGGATTTTATTATTCTTCAAAACAGCATGCTCAGAAGATGGTGGAG
 TTTCTTCAGGGTATAGTTCCCTGTAGATACAAAGCATCACAAAGATTGATCTCTCAGGATATTCATAGTA
 ACACATACAATTACAAGAGTACTTTTTCTGTGGAATTTGTTCCAATATGCAAGGATAATGTTGTCTGTCT
 ATCACCAAACTGGCACAGACCTTGGAAATATGAGTCAGATATGATTTGTATTCGAGTAACTAGTGCC
 ATCCACCTCATAGACCAAAATACCCTACAAGTTGAGATATTGATGGAACACTTTCTGGAGTCATCCTT
 TCAATAGTTTATGCCATCCTAAACAGCTCGAAGAGTTTATTGTGATAGAATGCAGCACAGTCCGAGATCT
 GAAGCGAAGCGCGGGGCTGGAGTGATATCAAAAAGCACACCCTTGGGAAGTCTGGATCCAGAAGACA
 TCGGAAATGAATACAGATAAACAGTATTTTGGCGAACTCACTTGGGACATCTTTTAAATCCTGGAGACC
 TGGTGTCTGGATTTGATTTGGCCAAGTAACTTAAATGATGAGTATGTCAACAAAATGAACTCAGACAG
 AGTTCAGATGTGGTGTTAATTAAGAAGAGCTATGACCGCACCAACGCCAGCGCGGTAGAAAATGGAAA
 CTGAAAGAGCTTGCAAGAGACAGAGAAAACATGGACACAGATGATGAAAGCAATATCAAGATTTTCTTG
 AAGATCTTGAAGAAGATGAGGCAATTAGAAAACATGTCAACATTTACAGAGATGCAACCATCCCTGTGGA
 AAGTGACACAGATGATGAAGGAGCACCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCATATTTCT
 CAAGATGCCACTGGTGAAGAAGTGCATCAATGATGTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208077 protein sequence
 Red=Cloning site Green=Tags(s)

MEYMAESIEHSPGHILCCECGVPISPNPANICVACLRSKVDISQGVPKQVSISFCKQCQRYFQPPASWVQ
 CALESRELLALCLKIKAPLSKVRLVDAGFVWTEPHSKRLKVKLTIQKEVMNGAILQQVFVVDYVVSQSM
 CGDCHREAKDFWKAVIQVRQKTLHKKTFYYLEQLILKYGMHQNTRLRIKEIHDGLDFYSSKQHAQKMVE
 FLQGIVPCRYKASQRLISQDIHSNTYNYKSTFSVEIVPICKDNVCLSPKLAQSLGNMSQICICIRVTS
 IHLIDPNTLQVADIDGNTFWSHPFNSLCHPKQLEEFIVIECSTVRDLKRSAGAGVISKKHTLGEVWIQKT
 SEMNTDKQYFCRTHLGHLNPGDLVLFGLANCLNDEYVNMNSDRVPDVVLIKSYDRTKRQRRRNWK
 LKELARDRENMDTDDERQYQDFLEDLEDEAIRKHVNIYRDATIPVESDDEGAPRISLAEMLEDLHIS
 QDATGEEGASMMS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_133787

ORF Size: 1509 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_133787.1](#)

RefSeq Size: 1739 bp

RefSeq ORF: 1512 bp

Locus ID: 97112

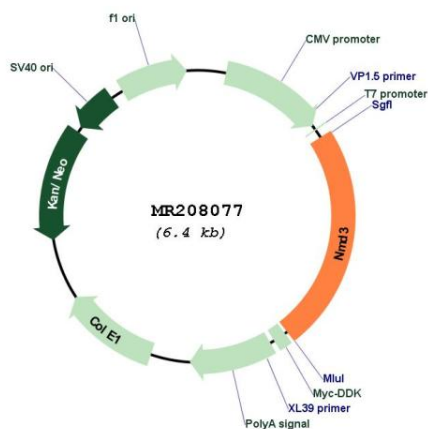
UniProt ID: [Q99L48](#)

Cytogenetics: 3 E1

MW: 57.6 kDa

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

Product images:



Circular map for MR208077