

Product datasheet for **SC108184**

NMD3 (NM_015938) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NMD3 (NM_015938) Human Untagged Clone
Tag:	Tag Free
Symbol:	NMD3
Synonyms:	CGI-07
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015938, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTATATGGCAGAATCCACCGACCGCAGCCCTGGACACATCTTGTGCTGTGAGTGTGGTGTCCGA
TAAGTCCAAATCCTGCCAATATTTGTGTGGCCTGTTTGCAGAAAGTAAAGTGGACATCAGCCAAGGTATTCC
GAAACAAGTCTCGATTTCTGTTCTGCAAACAATGTCAAAGGATTTTCAACCACCAGGAACTTGGATACAG
TGTGCTTTAGAATCCAGGGAACCTTCTGCTTTGTGCTTGAATAAATCAAAGCCCTCTGAGTAAGGTAC
GGCTTGTAGATGCAGGCTTTGTTGGACTGAGCCTCATTCTAAGAGACTTAAAGTAAACTGACTATTCA
GAAAGAGGTGATGAATGGTGTATCCTTCAACAAGTGTGTTGGTGGATTATGTTGTTCCAGTCCCAATG
TGTGGAGATTGCCATAGAGTAGAAGCTAAGGATTTCTGGAAGGCTGTGATTCAAGTGAGGCAAAAGACTT
TGCATAAAAAAATTTCTACTATCTGGAACAGTTAATTCTGAAATATGGAATGCATCAGAATACACTTCG
TATCAAAGAGATTCATGATGGTCTGGATTTTTATTATTCTCAAAAACAACATGCTCAGAAGATGGTCGAA
TTTCTTCCAGTGTACAGTTCCCTGTAGATACAAAGCATCACAAGACTGATCTCTCAAGATATCCATAGTA
ACACATACAATTACAAAAGCACTTTTTCTGTGGAAATTGTTCCAATATGCAAGGATAATGTTGTCTGTCT
GTCTCCAAAACCTGGCACAAGCCTGGGAAATATGAACCAGATTTGTGTGTGATTCGAGTAACCAGTGCC
ATTCACCTCATTGATCCAAACACCCTACAAGTGGCAGATATTGATGGGAGCACTTCTGGAGTCAACCTT
TCAATAGTTTATGTCATCCCAAACAGCTAGAGGAGTTTATTGTGATGGAATGCAGCATAGTCCAAGATAT
AAAACGTGCTGCAGGTGCTGGAATGATATCAAAAAGCATACCCTCGGGGAAGTCTGGTACAGAAGACA
TCTGAAATGAATACAGATAAACAGTATTTTGTGCTACTATTTGGGACATCTTCTAAATCCCGGAGACC
TGGTGTTAGGTTTGATTTGGCCAACTGTAACCTAAATGATGAGCATGTCAACAAAATGAACTCAGATAG
AGTTCAGATGTGGTATTAATCAAGAAGAGCTATGACCGGACCAACGTCAGCGTCGTAGAACTGGAAA
TTGAAAGAGCTTGCAAGAGAGAGAGAAAACATGGATACAGATGATGAAAGGCAATACCAAGATTTTCTTG
AAGATCTGAAGAAGATGAGGCAATTCGAAAAATGTCAACATTTACAGAGATTCAGCCATCCCTGTGGA
AAGTGACACCGATGATGAAGGAGCACCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCATATTTCC
CAAGATGCCACTGGTGAAGAAGGTGCATCAATGCTGACATAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_015938 unedited</p> <pre> GTCAAAATTTGTATACGACTCCTATAGGGCGGCCGCAATTCGCACGAGTCTCTGTGGCG GAGACAGCCAGAACTTAAGGCATACAGAACGATGGAGTATATGGCAGAATCCACCGACCG CAGCCCTGGACACATCTTGTGCTGTGAGTGTGGTGTCCGATAAGTCCAAATCCTGCCAA TATTTGTGTGGCTGTTTGCAGTAAGTAAAGTGGACATCAGCCAAGTATCCGAAACAAGT CTCGATTTTCGTTCTGCAAACAATGTCAAAGTATTTTCAACCACCAGGAAGTGGATACA GTGTGCTTTAGAAATCCAGGGAAGTCTTGTGCTTTGTGCTTGAAAAAATCAAAGCCCCTCT GAGTAAGGTACGGCTTGTAGATGCAGGCTTTGTTGGACTGAGCCTCATTCTAAGAGACT TAAAGTTAAACTGACTATTTCAGAAAGAGGTGATGAATGGTGTCTATCCTTCAACAAGTGT TGTGGTGGATTATGTTGTTTCAGTCCCAAATGTGTGGAGATTGCCATAGAGTAGAAGCTAA GGATTTCTGGAAGGCTGTGATTCAGTCAAGTGGGCAAAAGACTTTGCATAAAAAAATTTCTA CTATCTGGAACAGTTAATTCTGAAATATGGAATGCATCAGAATACACTTCGTATCAAAGA GAATTCATGATGGTCTGGATTTTATTATTCCTCANAACAACATGCTCAGAAGATGGTGC AATTTCTTCAGTGTACAGTTCCTGTAGATACAAAGCATCACAAGACTGATCTCTCAAG ATATCCATAGTAACACATACAATTACAAAAGCACTTTTTTCTGTGNAAAATTGTTCCCAT ATGCAGGATTNATGNTTGCCTGGTCTGTCTCCAAAAGTGGCACAAAGCCTGNGAAATAT GACCAGNATTTGTNGTGTGATTTTCGATTAACCAAGTGCCATTACCTN </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_015938 unedited</p> <pre> NGGGACCTCTCTGCATACNCTTTTACTATGTGCCACTGGNAATGAATGATTAGCTCTTAC TTGCGGCATACTTAACAAGTCTGATCTTGCTTATAGAAATGGATCTTAATACTTCATTC TCAGAATACTTCAAAACGTAAGCCACAGTTTTTCTTTCAAGGATGTGGGAAGCATTCCCTC ATTCAAATCTGATTAATGGTTTTATAAAGTATGTACCTCATTTTTATTAGCCATTATCTT CATGCTGGATTCTAATATTCTTTTTAATGGTGTCTGTTCAATGACAGAACTTATAGAG AGAAAAATTCCTTCTCAATTTATAAAACAAAAATTTAAAAGCAGCATTTTTGATGTGGTAG GAAGATATTTATGACAAAAGCAGCTACTGCCCTAAACTGGCAAAAACAACAAAAGAACAA ATTGTTATTTAACCTTTAAATAACGAGTCTCTATTTGCTATAAATCTACAAATATTTTAA ATATATTTCTCTACTGCAATAAAAAATTAAGATAACTCTCTGTTTAAACAGCTTTTGAAG AGTTAATTTTATAAGGAAATAAAAAAGATTGACTTGCCTCCTGAATGCCAGTGATAAAC TGAACCCTAATTTCCCTACCTCAACAACATAAAAAATGATGTAAAGTGGATCAAAGTATGT AACAAAGTTAATATAAAAAATGCTTCTTCATATGGTCTTTCACTAAAATAATCAACGTAAA AATAATGTAAAAATGTGTTTTTGTGTTGAAGATTTAGTGAACGTTCAAGGAATCACAATTT TTGAGCTTTTACATCCAGAGTACTATACTATGTGAAAATACTACAGTGCCTCATTAAAAA AGCACAGTGATNAAATTNCAATGTAAAAATGCCAAAATCAATAACAACACTACATTCTNNC ATAATCTTNCCTTATCTAAAACCTCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015938
Insert Size:	2770 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_015938.2](#), [NP_057022.2](#)

RefSeq Size: 2762 bp

RefSeq ORF: 1512 bp

Locus ID: 51068

UniProt ID: [Q96D46](#)

Cytogenetics: 3q26.1

Domains: NMD3

Gene Summary: Ribosomal 40S and 60S subunits associate in the nucleolus and are exported to the cytoplasm. The protein encoded by this gene is involved in the passage of the 60S subunit through the nuclear pore complex and into the cytoplasm. Several transcript variants exist for this gene, but the full-length nature of only two have been described to date. [provided by RefSeq, Feb 2016]
Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.