

NMD3 cDNA

Catalog Number: ATGD0149

PRODUCT INFORMATION

Catalog number

ATGD0149

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057022.2

Alternative Names

CGI-07

mRNA Refseq

NM_015938.3

OMIM

611021

Chromosome location

3q26.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1512bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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Ribosomes are composed of 60S and 40S subunits that are assembled in the nucleolus and exported to the cytoplasm through nuclear pore complexes in the nuclear envelope. NMD3 is an adaptor for 60S subunit export via the CRM1 (XPO1; MIM 602559) pathway

DATA

Sequence nucleotides

ATGGAGTATATGGCAGAATCCACCGACCGCAGCCCTGGACACATCTTGTGCTGTGAGTGTGGTGTTCGATAAGTCCAAAT
 CCTGCCAATATTTGTGTGGCCTGTTTGCAGAAAGTAAAGTGGACATCAGCCAAGGTATCCGAAACAAGTCTCGATTTCTGTTCT
 GCAAACAATGTCAAAGGTATTTTCAACCACCAGGAAGTTGGATACAGTGTGCTTTAGAATCCAGGGAAGTTCTTGCTTTGTG
 CTTGAAAAAATCAAAGCCCCTCTGAGTAAGGTACGGCTTGTAGATGCAGGCTTTGTTTGGACTGAGCCTCATTCTAAGAGA
 CTTAAAGTTAAACTGACTATTCAGAAAGAGGTGATGAATGGTGTCTATCCTTCAACAAGTGTGTTGTTGGTGGATTATGTTGTTCA
 GTCCCAAATGTGTGGAGATTGCCATAGAGTAGAAGCTAAGGATTTCTGGAAGGCTGTGATTCAAGTGAGGCAAAAAGACTTT
 GCATAAAAAAACTTTCTACTATCTGGAACAGTTAATTCTGAAATATGGAATGCATCAGAATACACTTCGTATCAAAGAGATTC
 ATGATGGTCTGGATTTTTATTATTCTCAAACAACATGCTCAGAAGATGGTTCGAATTTCTTCAGTGTACAGTTCCCTGTAGA
 TACAAAGCATCACAAAGACTGATCTCTCAAGATATCCATAGTAACACATAACAATTACAAAAGCACTTTTTCTGTGGAAATTGTT
 CCAATATGCAAGGATAATGTTGTCTGTCTGTCTCCAAAAGTGGCACAAGCCTGGGAAATATGAACCAGATTTGTGTGTGTA
 TTCGAGTAACCAGTGCCATTACCTCATTGATCCAAACACCCTACAAGTGGCAGATATTGATGGGAGCACTTTCTGGAGTCA
 CCCTTTCAATAGTTTATGTCATCCCAAACAGCTAGAGGAGTTTATTGTGATGGAATGCAGCATAGTCCAAGATATAAAAACGTG
 CTGCAGGTGCTGGAATGATATCAAAAAGCATAACCCTCGGGGAAGTCTGGGTACAGAAGACATCTGAAATGAATACAGATA
 AACAGTATTTTTGTCTACTCATTTGGGACATCTTCTAAATCCCGGAGACCTGGTGTAGGGTTTGATTTGGCCAAGTGTAAAC
 TTAAATGATGAGCATGTCAACAAAATGAACTCAGATAGAGTTCCAGATGTGGTATTAATCAAGAAGAGCTATGACCGGACCA
 AACGTCAGCGTCGTAGAAACTGGAAATTGAAAGAGCTTGCAAGAGAGAGAGAAAACATGGATACAGATGATGAAAGGCAAT
 ACCAAGATTTTCTTGAAGATCTTGAAGAAGATGAGGCAATTCGAAAAAATGTCAACATTTACAGAGATTCAGCCATCCCTGTG
 GAAAGTGACACCGATGATGAAGGAGCACCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCATATTTCCCAAGATGCCA
 CTGGTGAAGAAGGTGCATCAATGCTGACATAA

Transaction Sequence

MEYMAESTDR SPGHILCCEC GVPISPAN ICVACLRSKV DISQGIPKQV SISFCKQCQRYFQPPGTWIQ CALESRELLA
 LCLKKIKAPL SKVRLVDAGF VWTEPHSKRL KVKLTIQKEVMNGAILQQVF VVDYVVQSQM CGDCHRVEAK DFWKAVIQVR
 QKTLHKKTFY YLEQLILKYGMHQNTLRIKE IHDGLDFYYS SKQHAQKMVE FLQCTVPCRY KASQRLISQD
 IHSNTYNYKSTFSVEIVPIC KDNVVCLSPK LAQSLGNMNQ ICVCIRVTSI IHLIDPNTLQ VADIDGSTFWSHPFNSLCHP
 KQLEEFIVME CSIVQDIKRA AGAGMISKKH TLGEVWVQKT SEMNTDKQYFCRTHLGHLLN PGDLVLFDFL ANCNLNDEHV
 NKMNSDRVPD VVLIKSYDR TKRQRRRNWKLKELAREREN MDTDDERQYQ DFLEDLEEDE AIRKNVNIYR DSAIPVESDT
 DDEGAPRISLAEMLEDLHIS QDATGEEGAS MLT