## PRODUCT INFORMATION

## Catalog number

ATGD0365

## Product type

cDNA
Species
Human

## NCBI Accession No.

NP_001020750.1

## Alternative Names

EOPA, MITAP1, NDE1L1, NDE2, NUDEL
mRNA Refseq
NM_001025579.2

## OMIM

607538

## Chromosome location

17p13.1

## PRODUCT SPECIFICATION

## Formulation

Lyophilized

## Storage

Store the plasmid at -20C.
cDNA Size
987bp

## Preparation before usage

1. Centrifuge at 7000 rpm for 1 minute.
2. Carefully open the vial and add 100 ul 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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NDEL1 is a coiled-coil protein that plays a role in multiple processes including cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome X.

DATA

## Sequence nucleotides

ATGGATGGTGAAGATATACCAGATTTTTCAAGTTTAAAGGAGGAAACTGCTTATTGGAAGGAACTTTCCTTGAAGTATAAGC AAAGCTTCCAGGAAGCTCGGGATGAGCTAGTTGAATTCCAGGAAGGAAGCAGAGAATTAGAAGCAGAGTTGGAGGCACAA TTAGTACAGGCTGAACAAAGAAATAGAGACTTGCAGGCTGATAACCAAAGACTGAAATATGAAGTGGAGGCATTAAAGGAG AAGCTAGAGCATCAATATGCACAGAGCTATAAGCAGGTCTCAGTGTTAGAAGATGATTTAAGTCAGACTCGGGCCATTAAGG AGCAGTTGCATAAGTATGTGAGAGAGCTGGAGCAGGCCAACGACGACCTGGAGCGAGCCAAAAGGGCAACAATAGTTTCA CTGGAAGACTTTGAACAAAGGCTAAACCAGGCCATTGAACGAAATGCATTTTTAGAAAGTGAACTTGATGAAAAGGAATCTT TGTTGGTCTCTGTACAGAGGTTAAAGGATGAAGCAAGAGATTTAAGGCAAGAACTAGCAGTTCGGGAAAGACAACAGGAAG TAACTAGAAAGTCGGCTCCTAGCTCTCCAACTCTAGACTGTGAAAAGATGGACTCCGCCGTCCAAGCATCACTTTCTTTGCC AGCTACCCCTGTTGGCAAAGGAACGGAGAACACTTTTCCTTCACCGAAAGCTATACCAAATGGTTTTGGTACCAGTCCACTA AСТСССТСТGСTAGGATATCAGCACTAAACATCGTGGGGGATCTCTTACGGAAAGTAGGGGCTTTAGAATCCAAATTAGCAG CTTGCAGGAATTTTGCAAAGGACCAAGCATCACGAAAATCCTATATTTCAGGGAATGTTAACTGTGGGGTGCTGAATGGCAA TGGCACAAAGTTCTCTCGATCAGGGCATACATCTTTCTTCGACAAAGGGCAAGAAAAAGTCATATTTCCCACGTTGTTCATG GGGCAGTAA

## Transaction Sequence

MDGEDIPDFS SLKEETAYWK ELSLKYKQSF QEARDELVEF QEGSRELEAE LEAQLVQAEQ RNRDLQADNQ RLKYEVEALK EKLEHQYAQS YKQVSVLEDD LSQTRAIKEQ LHKYVRELEQ ANDDLERAKR ATIVSLEDFE QRLNQAIERN AFLESELDEK ESLLVSVQRL KDEARDLRQE LAVRERQQEV TRKSAPSSPT LDCEKMDSAV QASLSLPATP VGKGTENTFP SPKAIPNGFG TSPLTPSARI SALNIVGDLL RKVGALESKL AACRNFAKDQ ASRKSYISGN VNCGVLNGNG TKFSRSGHTS FFDKGQEKVI FPTLFMGQ

