

NACC1 cDNA

Catalog Number: ATGD0267

PRODUCT INFORMATION

Catalog number

ATGD0267

Product type

cDNA

Species

Human

NCBI Accession No.

NP_443108.1

Alternative Names

BEND8, BTBD14B, BTBD30, NAC-1, NAC1, Nucleus accumbens associated 1, BEN domain containing 8

mRNA Refseq

NM_052876.3

OMIM

610672

Chromosome location

19p13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1584bp

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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NACC1 is a member of the BTB/POZ protein family. BTB/POZ proteins are involved in several cellular processes including proliferation, apoptosis and transcription regulation. It is a transcriptional repressor that plays a role in stem cell self-renewal and pluripotency maintenance. A pseudogene of this gene is located on the short arm of chromosome 9.

DATA

Sequence nucleotides

ATGGCCCAGACACTGCAGATGGAGATCCCGAACTTCGGCAACAGCATCCTGGAGTGCCTCAATGAACAGCGGCTGCAGGG
CCTGTACTGTGACGTGTCAGTGGTGGTCAAGGGCCATGCCTTCAAGGCCACCGGGCCGTGCTTGCTGCCAGCAGCTCCTA
CTTCCGGGACCTGTTCAACAACAGCCGCAGCGCCGTGGTGGAGCTGCCGGCGGCTGTGCAGCCCCAGTCTTTCCAGCAGA
TCCTCAGCTTCTGCTACACGGGCGGCTGAGCATGAACGTGGGCGACCAAGTTCCTGCTCATGTACACGGCTGGCTTCCTGC
AGATCCAGGAGATCATGGAGAAGGGCACCGAGTTCCTCAAGGTGAGCTCCCCGAGCTGCGACTCCCAGGGCCTGCAT
GCGGAGGAGGCCCCATCGTCGGAGCCCCAGAGCCCCGTGGCGCAGACATCGGGCTGGCCAGCCTGTAGCACCCCGCTGC
CCCTCGTGTGCGGGGTGAAGACGGAGCAGCAGGAGTCGGACTCCGTGCAGTGCATGCCCGTGGCCAAGCGGCTGTGGGA
CAGTGGCCAGAAGGAGGCTGGGGGCGGCGGCAATGGCAGCCGCAAGATGGCCAAGTTCTCCACGCCGGACCTGGCTGCC
AACCGGCCTCACCAGCCCCCGCCACCCCAACAGGCTCCGGTGGTGGCAGCAGCCAGCCCGCCGTGGCTGCGGGAGCAG
GGCAGCCAGCCGGTGGGGTGGCAGCAGCAGGGGGTGTGGTGAAGTGGGCCAGCACGTGCGAGCGGACCAGCCAGGCA
CCTCAAGCGCTACACCAGCGACAGCCCTGGCTCCTACCACAATGAGGAGGACGAGGAGGAGGATGGTGGCGAGGAGGG
CATGGATGAGCAGTACCGGCAGATCTGCAACATGTACACCATGTACAGCATGATGAACGTCGGCCAGACAGCCGAGAAGGT
GGAGGCCCTCCCGGAGCAGGTAGCCCCGAGTCCCGAAATCGCATCCGGGTTCGGCAAGACCTGGCGTCTCTCCCGGCTG
AACTTATCAACCAGATTGGGAACCGCTGCCACCCCAAGCTCTACGACGAGGGCGACCCCTCTGAGAAGCTGGAGCTGGTGA
CAGGCACCAACGTGTACATCACAAGGGCGCAGCTGATGAACTGCCACGTGAGCGCAGGCACGCGGCACAAGGTCCTACTG
CGGCGGCTCCTGGCCTCCTTCTTTGACCGGAACACGCTGGCCAACAGCTGCGGCACCGGCATCCGCTCTTCTACCAACGAT
CCCCGTCGGAAGCCCCCTGGACAGCCGCGTGCTCCACGCTGTCAAGTACTACTGCCAGAACTTCGCCCCCAACTTCAAGGAG
AGCGAGATGAATGCCATCGCGGCCGACATGTGCACCAACGCCCCGCGCGTCGTGCGCAAGAGCTGGATGCCCAAGGTCAA
GGTGCTCAAGGCTGAGGATGACGCCTACACCACCTTCATCAGTGAAACGGGCAAGATCGAGCCGGACATGATGGGTGTGG
AGCATGGCTTCGAGACCGCCAGCCACGAGGGCGAGGCGGGTCCCTCGGCTGAAGCCCTGCAGTAA

Transaction Sequence

MAQTLQMEIP NFGNSILECL NEQRLQGLYC DVSVVVKGHA FKAHRAVLAA SSSYFRDLFN NSRSVVVELP AAVQPQSFQQ
ILSFCYTGRL SMNVGDQFLL MYTAGFLQIQ EIMEKGTEFF LKVSSPSCDS QGLHAEAEPS SEPQSPVAQT SGWPACSTPL
PLVSRVKTEQ QESDSVQCMF VAKRLWDSGQ KEAGGGGNGS RMAKFSTPD LAANRPHQPP PPQAPVVAA
AQPAAVAGAG QPAGGVAAAG GVVSGPSTSE RTSPGTSSAY TSDSPGSYHN EEDEEEDGGE EGMDEQYRQI
CNMYTMYMM NVGQTAEKVE ALPEQVAPES RNRIRVRQDL ASLPAELINQ IGNRCHPKLY DEGDPSEKLE LVTGTNVYIT
RAQLMNCHVS AGTRHKVLLR RLLASFFDRN TLANSCGTGI RSSTNDPRRK PLDSRVLHAV KYQCQNFAPN FKESEMNAIA
ADMCTNARRV VRKSWMPKVK VLKAEDDAYT TFISSETGKIE PDMMGVEHGF ETASHEGEAG PSAEALQ