NCBP2 cDNA

Catalog Number: ATGD0124

PRODUCT INFORMATION

Catalog number
ATGD0124

Product type
cDNA

Species
Human

NCBI Accession No.
NP_031388.2

Alternative Names
CBC2, CBP20, NIP1, PIG55

mRNA Refseq
NM_007362.3

OMIM
65133

Chromosome location
3q29

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
471bp

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Website: www.nkmaxbio.com email: supportbio@nkmax.com

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The product of NCBP2 is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene.

DATA

Sequence nucleotides

ATGTCGGGTGGCCTCCTGAAGGCGCTGCGCAGCGACTCCTACGTGGAGCTGAGCCAGTACCGGGACCAGCACTTCCGGGG
TGACAATGAAGAACAAGAAAAATTACTGAAGAAAAGCTGTACGTTATATGTTGGAAATCTTTCTTTTTACACAACTGAAGAAC
AAATCTATGAACTCTTCAGCAAAAGTGGTGACATAAAGAAAATCATTATGGGTCTGGATAAAATGAAGAAAACAGCATGTGG
ATTCTGTTTTGTGGAATATTACTCACGCGCAGATGCGGAAAACGCCATGCGGTACATAAATGGGACGCGTCTGGATGACCG
AATCATTCGCACAGACTGGGACGCAGGCTTTAAGGAGGGCAGGCAATACGGCCGTGGGCGATCTGGGGGCCAGGTTCGG
GATGAGTATCGGCAGGACTACGATGCTGGGAGAGGAGGCTATGGAAAACTGGCACAGAACCAGTGA

Transaction Sequence

MSGGLLKALR SDSYVELSQY RDQHFRGDNE EQEKLLKKSC TLYVGNLSFY TTEEQIYELF SKSGDIKKII MGLDKMKKTA
CGFCFVEYYS RADAENAMRY INGTRLDDRI IRTDWDAGFK EGRQYGRGRS GGQVRDEYRQ DYDAGRGGYG KLAQNQ