

NUTF2 cDNA

Catalog Number: ATGD0115

PRODUCT INFORMATION

Catalog number

ATGD0115

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005787.1

Alternative Names

Nuclear transport factor 2, NTF2, Placental protein 15, PP15, NuTF 2

mRNA Refseq

NM_005796.1

OMIM

605813

Chromosome location

16q22.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

384bp

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 Nde 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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NUTF2 encoded by this gene is a cytosolic factor that facilitates protein transport into the nucleus. It interacts with the nuclear pore complex glycoprotein p62. This encoded protein acts at a relative late stage of nuclear protein import, subsequent to the initial docking of nuclear import ligand at the nuclear envelope. It is thought to be part of a multicomponent system of cytosolic factors that assemble at the pore complex during nuclear import.

DATA

Sequence nucleotides

```
ATGGGAGACAAGCCAATTTGGGAGCAGATTGGATCCAGCTTCATTCAACATTACTACCAGTTATTTGATAATGATAGAACCC
AACTAGGCGCAATTTACATTGACGCGTCATGCCTTACGTGGGAAGGACAACAGTTCCAGGGGAAAGCTGCCATTGTGGAGA
AGTTGTCTAGCCTTCCGTTCCAGAAAATTGAGCACAGCATCACCGCGCAGGACCATCAGCCCACTCCAGATAGCTGCATCAT
CAGCATGGTTGTGGGCCAGCTTAAGGCGGATGAAGACCCCATCATGGGGTTCCACCAGATGTTCTATTAAAGAACATCAA
CGATGCTTGGGTTTGCACCAATGACATGTTTCAGGCTCGCCCTGCACAACTTTGGCTGA
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Transaction Sequence

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MGDKPIWEQI GSSFIQHYYQ LFDNDRTQLG AIYIDASCLT WEGQQFQGKA AIVEKLSSLP FQKIQHSITA QDHQPTPDSC
IISMVVGQLK ADEDPIMGFH QMFLKNIND AWCVTNDMFR LALHNFG
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