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# **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

## **Transaction Sequence**

MGDKPIWEQI GSSFIQHYYQ LFDNDRTQLG AIYIDASCLT WEGQQFQGKA AIVEKLSSLP FQKIQHSITA QDHQPTPDSC IISMVVGQLK ADEDPIMGFH QMFLLKNIND AWVCTNDMFR LALHNFG

