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# **UFSP1 cDNA**

Catalog Number: ATGD0357

# **PRODUCT INFORMATION**

# Catalog number

ATGD0357

#### **Product type**

cDNA

#### **Species**

Human

#### **NCBI Accession No.**

NP 001015072.2

#### **Alternative Names**

**UFSP** 

#### mRNA Refseq

NM\_001015072.3

# **OMIM**

611481

#### **Chromosome location**

7q22.1

#### PRODUCT SPECIFICATION

#### **Formulation**

Lyophilized

# **Storage**

Store the plasmid at -20C.

# **cDNA Size**

429bp

# 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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UFSP1 is a protein that is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form.

# **DATA**

#### Sequence nucleotides

### **Transaction Sequence**

MGDKPPGFRG SRDWIGCVEA SLCLAHFGGP QGRLCHVPRG VGLHGELERL YSHFAGGGGP VMVGGDADAR SKALLGVCVG SGTEAYVLVL DPHYWGTPKS PSELQAAGWV GWQEVSAAFD PNSFYNLCLT SLSSQQQQRT LD

