

LSM12 cDNA

Catalog Number: ATGD0354

PRODUCT INFORMATION

Catalog number

ATGD0354

Product type

cDNA

Species

Human

NCBI Accession No.

NP_689557.1

Alternative Names

PNAS-135

mRNA Refseq

NM_152344.3

OMIM

611793

Chromosome location

17q21.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

588bp

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

LSM12 cDNA

Catalog Number: ATGD0354

LSM12 belongs to the snRNP Sm proteins family. Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.

DATA

Sequence nucleotides

```
ATGGCGGCTCCTCCGGGCGAGTACTTCAGCGTTGGGAGCCAGGTGTCGTGCCGGACGTGCCAGGAGCAGCGGCTGCAGG
GCGAGGTGGTAGCCTTTGACTACCAATCCAAAATGCTGGCTTTAAATGTCCCTCTTCCAGTGGAAGCCCAACCATGCAGA
CATCTTGCTCATAAACTTACAGTATGTTTCAGAAGTGAAATAATTAATGACCGAACAGAAACCCCTCCTCCCCTAGCTTCAC
TCAATGTTAGTAAGCTTGCCAGCAAAGCACGGACAGAGAAGGAGGAGAAGCTGAGCCAGGCCTATGCAATCAGTGCTGGT
GTCTCTCTAGAGGGCCAGCAGCTCTTCCAGACCATTCAACAAGACCATTAAAGACTGTAAATGGCAAGAAAAAACATCGTAG
TCATGGAAGAAGTTGTTATTACACCCCCATATCAAGTGGAAAACTGTAAAGGCAAAGAGGGGAGTGCACTGAGCCATGTAC
GCAAAATAGTTGAAAAACATTTTAGAGACGTGGAAAGCCAAAAGATACTGCAACGTTCAACAAGCCCAGCAACCACAGAAGG
AGGCTGCCCTGTCATCCTGA
```

Transaction Sequence

```
MAAPPGEYFS VGSQVSCRTC QEQLQGEVV AFDYQSKMLA LKCPSSSGKP NHADILLINL QYVSEVEIIN DRTETPPPLA
SLNVSKLASK ARTEKEEKLQ QAYAISAGVS LEGQQLFQTI HKTIKDCKWQ EKNIVMEEV VITPPYQVEN CKGKEGSALS
HVRKIVEKHF RDVESQKILQ RSQAQQPQKE AALSS
```