

THRSP cDNA

Catalog Number: ATGD0470

PRODUCT INFORMATION

Catalog number

ATGD0470

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003242.1

Alternative Names

Lpgp, LPGP1, S14, SPOT14, THRP

mRNA Refseq

NM_003251.3

OMIM

601926

Chromosome location

11q14.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

441bp

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

THRSP cDNA

Catalog Number: ATGD0470

THRSP is similar to the gene product of S14, a rat gene whose expression is limited to liver and adipose tissue and is controlled by nutritional and hormonal factors. This gene has been shown to be expressed in liver and adipocytes, particularly in lipomatous modules. It is also found to be expressed in lipogenic breast cancers, which suggests a role in controlling tumor lipid metabolism

DATA

Sequence nucleotides

```
ATGCAGGTGCTAACCAAGCGTTACCCCAAGAAGTGCCTGCTGACCGTCATGGACCGGTATGCAGCCGAGGTGCACAACATG
GAGCAGGTGGTGATGATCCCCAGCCTTCTGCGGGACGTGCAGCTGAGTGGGCCTGGGGGCCAGGCCAGGCTGAGGCC
CTGATCTCTACACCTACTTCACCATGCTCAAGGCCATCTGTGTGGATGTGGACCATGGGCTGCTGCCGCGGGAGGAGTGGC
AGGCCAAGGTGGCAGGCAGCGAAGAGAATGGAACCGCAGAGACAGAGGAAGTCGAGGACGAGAGTGCCTCAGGAGAGCT
GGACCTGGAAGCCCAGTTCCACCTGCACTTCTCCAGCCTCCATCACATCCTCATGCACCTCACCGAGAAAGCCCAGGAGGT
GACAAGGAAATACCAGGAAATGACGGGACAAGTTTGGTAG
```

Transaction Sequence

```
MQVLTKRYPK NCLLTVM DRY AAEVHNMEQV VMIPSLLRDV QLSGPGGQAQ AEAPDLYTYFTMLKAICVDV DHGLLPREEW
QAKVAGSEEN GTAETEEVED ESASGELDLE AQFHLHFSSLHHLMLHLTEK AQEVTRKYQE MTGQVW
```