

## Product datasheet for **MC207424**

### Thrsp (NM\_009381) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Thrsp (NM\_009381) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Thrsp  
**Synonyms:** S14; SPOT14  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC207424 representing NM\_009381  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAAGTGCTAACGAAACGCTATCCCAAGAACTGCCTGCTGACAGTCATGGATCGGTA**CTCCGCGGTGG**  
 TGCGGAACATGGAGCAGGTGGTATGATCCCCAGCCTTCTGAGGGATGTGCAGCTGAGTGGGCTGGGGG  
 CTGGTCCAGGACGGAGCCCTGATCTCTATACCTACTTCACCATGCTCAAGAGCATCTGTAGAAAGTG  
 GACCACGGGCTGCTGCCAAGGGAGGAATGGCAGGCCAAGGTGGCTGGCAACGAAACCAGCGAGGCTGAGA  
 ACGACGCTGCTGAAACGGAGGAGGCCGAAGAAGACAGGATCTCGGAGGAGCTGGACCTAGAAGCCCAGTT  
 CCACCTGCACTTCTGCAGCCTCCATCACATCCTTACCCACCTGACCCGGAAAGCACAGGAGGTGACGCGG  
 AAATACCAGGAAATGACAGGGCAGGTTCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_009381  
**Insert Size:** 453 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009381.3</a></u> , <u><a href="#">NP_033407.1</a></u>
<b>RefSeq Size:</b>	1124 bp
<b>RefSeq ORF:</b>	453 bp
<b>Locus ID:</b>	21835
<b>UniProt ID:</b>	<u><a href="#">Q62264</a></u>
<b>Cytogenetics:</b>	7 E1
<b>Gene Summary:</b>	Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA. May function as transcriptional coactivator. May modulate the transcription factor activity of THRB (By similarity).[UniProtKB/Swiss-Prot Function]