

Product datasheet for **SC207271**

THNSL2 (NM_018271) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: THNSL2

Synonyms: SOFAT; THS2; TSH2

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_018271

Insert Size: 534 bp

Insert Sequence: >SC207271 3'UTR clone of NM_018271
The sequence shown below is from the reference sequence of NM_018271. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAGTCATGCCCTCAACACCTCCCAGTAGCCTGGCTGGAGGTGGCTTTCTTTAGGCTTCAGATCCCAG
GAAGATGCACCTTCTGAGCTGCCTTGTGCACCCTCCCCATTAAGCGTAGGTTAGGAGGTTTCCGGGAGG
CTGCTCAGCTGGATCTGGAGCCAGCTGGCTTTGCTCCGTTCCCTGGCTAGTCTGTGCCTGGTCACCAGG
GAGGCTGAGTGAGGGGCTGTGAACAGTTGCCGGAAGCACCCCTCCCTCCCGGCCCGTGCAGCAGTGT
CTGAGCTGTAGTGAAGTTTCAGGGCCTGCAAAAGAAGAGGCTTGGGCACAGGACTGACCATGGCTCCA
GGGGTTTAGGACCCAGACCTGTGAAGGTGGGAGCAGCTCACCACCTTCACGCAGGCTTTGTATGTTCT
CTGAGCCTTAGTTGATTTTGGCCCCAAACCAATCCAAGGTTCTGGCCACCTTGTGAGAGGCTTCC
ACCCTGCTCACATGTTGGGAATCCCTGGAATAAAATGCTTGTTAGTGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018271.5</u>
Summary:	This gene encodes a threonine synthase-like protein. A similar enzyme in mouse can catalyze the degradation of O-phospho-homoserine to a-ketobutyrate, phosphate, and ammonia. This protein also has phospho-lyase activity on both gamma and beta phosphorylated substrates. In mouse an alternatively spliced form of this protein has been shown to act as a cytokine and can induce the production of the inflammatory cytokine IL6 in osteoblasts. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]
Locus ID:	55258
MW:	19.4