

## Product datasheet for **SC307839**

### TH1L (NELFCD) (NM\_198976) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TH1L (NELFCD) (NM_198976) Human Untagged Clone
Tag:	Tag Free
Symbol:	NELFCD
Synonyms:	HSPC130; NELF-C; NELF-D; TH1; TH1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC307839 representing NM\_198976.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCGCCGCGCTCGCTCGCGGGAGGGCATGGCGGGGCGGTGCCGGCGCCATCATGGACGAGGACTAC
TACGGGAGCGCGCCGAGTGGGGCAGCAGGCTGACGGCGGCCAGCAGGAGGATGATTCTGGAGAAGGA
GAGGATGATGCGGAGTTCAGCAAGAATGCCTGCATAAAATTTCCACCCGGGATTATATCATGGAACCC
TCCATCTTCAACACTCTGAAGAGGTATTTTCAGGCAGGAGGGTCTCCAGAGAATGTTATCCAGCTCTTA
TCTGAAAACACTACACCGCTGTGGCCAGACTGTGAACCTGCTGGCCGAGTGGCTCATTAGACAGGTGTT
GAGCCAGTGCAGGTTTCAAGAACTGTGGAAAATCACTTGAAGAGTTTGTGATCAAACATTTTGACCCC
CGCAAAGCAGATTCTATTTTACTGAAGAAGGAGAGACCCAGCGTGGCTGGAACAGATGATTGCACAT
ACCACGTGGCGGGACCTTTTTTATAAATGGCTGAAGCCCATCCAGACTGTTTGTGCTGAACCTCACC
GTTAAGCTTATTTCTGACGCAGGTACCAGGGGAGATCACCAGTGTGCCACAGCATGCCAGCAGTA
GAAGTGTCTCGAGAGTCTCCGACCTCTAGCTACAATTTAGATGGAGGAGAAGAAAACCTTGAA
AAAAATCTCCCTGAGTTTGCCAAGATGGTGTGCCACGGGGAGCACACGTACCTGTTTGCCAGGCCATG
ATGTCCGTGCTGGCCAGGAGGAGCAGGGGGGCTCCGCTGTGCGCAGGATCGCCAGGAAGTGCAGCGC
TTTGCCAGGAGAAAGGTCATGACGCCAGTCAGATCACACTAGCCTTGGGCACAGCTGCCTCCTACCCC
AGGGCCTGCCAGGCTCTCGGGCCATGTGTCCAAAGGAGCCCTGAACCTGCTGACATCACCGTCTCTG
TTCAAGATGTTTCAAGCATGGACCCCTCTCCGGTTGAACTTATCCGCTTCCAGCCTTCTGGACCTG
TTCATGCAGTCACTCTTTAAACCAGGGGCTCGGATCAACCAGGACCACAAGCACAATACATCCACATC
TTGGCGTACGCAGCAAGCGTGGTTGAGACCTGGAAGAAGAACAAGCGAGTGAGCATCAATAAAGATGAG
CTGAAGTCAACGTCAAAGCTGTCGAAACCGTTCAAAATTTGTGTTGCAACGAGAACAAGGGGCTCT
GAAGTGTGGCAGAATTGAGCACACTTTATCAGTGATTAGGTTTCCAGTGGTAGCAATGGGTGTGCTG
AAGTGGGTGGATTGGACTGTATCAGAACCAAGGTAATTTTCACTGCAGACTGACCATACCCCTGTCCAC
CTGGCGTTGCTGGATGAGATCAGCACCTGCCACCAGCTCCTGCACCCCAAGTCTGCAGCTGCTTGT
AAGCTTTTGGACTGAGCACTCCAGCTGGACGTGATGGAGCAGCTTGAAGTGAAGAAGACTGCTG
GACAGGATGGTTACCTGCTGAGTCGAGGTTATGTACTTCTGTTGTGAGTTACATCCGAAAGTGTCTG
GAGAAGCTGGACTGACATTTCACTCATTGCTATTTTGTCACTGAGGTGCTGGACGTCATTGCTCCT
CCTTATACCTCTGACTTCGTGCAACTTTTCTCCCATCTGGAGAATGACAGCATCGCAGTACCATC
AAAACGGAAGGCGAGCATGACCCTGTGACGGAGTTTATAGCTCACTGCAAATCTAACTTCATCATGGT
AACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**

**ACCN:** NM\_198976

**Insert Size:** 1800 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<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>	<a href="#">NM_198976.2</a>
<b>RefSeq Size:</b>	2320 bp
<b>RefSeq ORF:</b>	1800 bp
<b>Locus ID:</b>	51497
<b>UniProt ID:</b>	<a href="#">Q8IXH7</a>
<b>Cytogenetics:</b>	20q13.32
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	67.3 kDa
<b>Gene Summary:</b>	<p>The NELF complex of proteins interacts with the DSIF protein complex to repress transcriptional elongation by RNA polymerase II. The protein encoded by this gene is an essential part of the NELF complex. Alternative translation initiation site usage results in the formation of two isoforms with different N-termini. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.</p>