

## Product datasheet for **SC108236**

### NSL1 (NM\_015471) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NSL1 (NM_015471) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSL1
Synonyms:	C1orf48; DC8; MIS14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015471, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGGGTCTCCTGAGTTGGTGGTCCTTGACCCTCCATGGGACAAGGAGCTCGCGGCTGGCACAGAGA  
GCCAGGCCTTGGTCTCCGCCACTCCCCGAGAAGACTTTCGGGTGCGCTGCACCTCGAAGCGGGCTGTGAC  
CGAAATGCTACAAGTGTGCGGCCGCTTCGTGCAAAAGCTCGGGGACGCTCTGCCGGAGGAGATTCGGGAG  
CCCCTCTGCGAGATGCGCAGTGGACTTTTGAATCAGCTGTGCAAGAGAATATCAGCATTAAATGGGCAAG  
CATGGCAGGAAGCTTCAGATAATTGTTTTATGGATTCTGACATCAAAGTACTTGAAGATCAGTTTGATGA  
AATCATAGTAGATATAGCCACAAAACGTAAGCAGTATCCAGAAAGATCCTGGAATGTGTCATCAAACCC  
ATAAAAGCAAAACAAGAAATTCGAAGCAGTACCACCCTGTTGTACATCCACTGGACCTAAAATATGACC  
CTGATCCAGCCCCTCATATGGAAAATTTGAAATGCAGAGGGGAAACAGTAGCAAAGGAGATCAGTGAAGC  
CATGAAGTCCTTGCCCTGCATTAATTGAACAAGGAGAGGGATTTTCCCAAGTTCTCAGGATGCAGCCTGTT  
ATCCACCTCCAGAGGATTCACCAAGAAGCTTTTTCCAGTTGTCATAGGAAACCAGATGCTAAACCTGAGA  
ACTTTATAACACAGATAGAAACCACCAACAGAGACTGCTTCCAGGAAAACCTCTGACATGGTACTGAA  
AAGAAAGCAAACCTAAAGACTGCCCCAGAGAAAATGGTATCCATTGCGGCCAAAGAAAATTAATCTTGAT  
ACATGA
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_015471 unedited  GGCCGCGAATTCGGCACCAGCGGGTTTCCTGAGTTGGTGGTCTTGACCCTCCATGGGA  CAAGGAGCTCGCGGTGGCACAGAGAGCCAGGCCTTGGTCTCCGCCACTCCCGAGAAGA  CTTTCGGGTGCGCTGCACCTCGAAGCGGGCTGTGACCGAAATGCTACAACGTGCGGCCG  CTTCGTGCAAAAGCTCGGGGACGCTCTGCCGAGGAGATTCGGGAGCCCGCTCTGCGAGA  TGCGCAGTGGACTTTTGAATCAGCTGTGCAAGAGAATATCAGCATTAAATGGCAAGCATG  GCAGGAAGCTTCAGATAATTGTTTTATGGATTCTGACATCAAAGTACTTGAAGATCAGTT  TGATGAAATCATAGTAGATATAGCCACAAAACGTAAGCAGTATCCAGAAAAGATCCTGGA  ATGTGTATCAAAAACATAAAAAGCAAAACAAGAAATCTGAAGCAGTACCACCCTGTTGT  ACATCCACTGGACCTAAAATATGACCCTGATCCAGCCCCTCATATGAAAAATTTGAAATG  CAGAGGGGAAACAGTAGCAAGGAGATCAGTGAAGCCATGAAGTCTTGCCTGCATTAATT  GAACAGGAGAGGGATTTTCCAAGTTCTCAGGATGCAGCCTGTTATCCACCTNCAGAGGA  TTCACCAAGAAGTCTTTCCAGTTGTCATAGGAAACCAGATGGCTAACCTGAAACTTTAT  ACACAGATAGAACCACACCACAGAGAC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_015471 unedited  GTCTTGGCCGCGCCGAATCTATGATCGGTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  TTTTTTTTTTGGGCACACGCCAATTTTTATTTAAAAAGGAATGGGGGACAAAAATAG  GTATCATTGGCTTACACAACAAAAATCCTAAAGGTAATCTCACAAACCTAAATTAAGT  AACCTGGGGAAACAAAGGCAAAGCCCGTTTATTATCAGCACATTAATTTGGTAAATCAA  ACTACCTCTTTAAAAAAAACCCCTGGATTTGGTGGTGGGCAAACTGGTAATTACTTTTC  AACCTGGAACCAAAAAATCATTTTACAGGCCTCTCTTTTTTTTTTTTTTCTAAAAAGA  TGGTTCGCCGGGAACCCACAGAATTTGGTACTTGGTAAATCCACAAAAGCTACCAGG  GAGCCGAAAATTGATGGCCCTTAAAGACAGGAAAAGGCTGCCCTTTAATATTTTAATG  CCCCTGGTGGGCTTTGGGGCAATACTTTTTAAAAAGCCTTTTATTTACCATAGATAAAA  CCGGAGGGGAATACAATTTTTTTTTATTTCCCGCGCAAAAAATATATCCGGATAAAT  GAATCCCTAGTAAAAGAGGTATTTCTTATTTCAAAGAAGGCTCATCTAAGGATTAATTA  GGGCCGGACCTAAAAGGGGGAGGGGCCATTTTAAACCCCAAAAAACAGAAAGAGCCC  TGTTTCAAGATTAATTTTTTTGGCCGCAAAGGATACCATTTTCTGGGGGAACCCTTAT  TTGGTTCTTTTAAACACCACCTAAAGGTTTCTGGAAAAACCCCTGTGGGGGGCCTTTC  GGGTAAAAATCTCAGGGTTAACACTGGGTTCTTAAAAACGGAAAACTCTGGGAACC  CTCGGGGGAAAAGGGCGTCTGAAACTGGAAATC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_015471
<b>Insert Size:</b>	1350 bp
<b>OTI Disclaimer:</b>	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).
<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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_015471.1](#), [NP\\_056286.1](#)

**RefSeq Size:** 13148 bp

**RefSeq ORF:** 807 bp

**Locus ID:** 25936

**UniProt ID:** [Q96IY1](#)

**Cytogenetics:** 1q32.3

**Gene Summary:** This gene encodes a protein with two coiled-coil domains that localizes to kinetochores, which are chromosome-associated structures that attach to microtubules and mediate chromosome movements during cell division. The encoded protein is part of a conserved protein complex that includes two chromodomain-containing proteins and a component of the outer plate of the kinetochore. This protein complex is proposed to bridge centromeric heterochromatin with the outer kinetochore structure. Multiple transcript variants encoding different isoforms have been found for this gene. There is a pseudogene of the 3' UTR region of this gene on chromosome X. [provided by RefSeq, Jul 2014]  
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.