

## Product datasheet for **SC331676**

### NSFL1C (NM\_001206736) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NSFL1C (NM\_001206736) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NSFL1C  
**Synonyms:** dj776F14.1; P47; UBX1; UBXD10; UBXN2C  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331676 representing NM\_001206736.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGGCGGAGCGACAGGAGGCGCTGAGGGAGTTCGTGGCGGTGACGGGCGCCGAGGAGGACCGGGCC
CGCTTCTTTCTCGAGTCGGCCGGCTGGGACTTGCAGATCGCGCTAGCGAGCTTTTATGAGGACGGAGGG
GATGAAGACATTGTGACCATTTTCGAGGCAACCCCAAGTTCAGTGTCCAGAGGCACAGCCCCAGTGAT
AATAGAGTGACATCCTTCAGAGACCTCATTTCATGACCAAGATGAAGATGAGGAGGAAGAGGAAGGCCAG
AGGAGCAGGTTTTATGCTGGGGGCTCAGAGAGAAGTGGACAGCAGATTGTTGGCCCTCCCAGGAAGAAA
AGTCCCAACGAGCTGGTGGATGATCTCTTTAAAGGTGCCAAAGAGCATGGAGCTGTAGCTGTGGAGCGA
GTGACCAAGAGCCCTGGAGAGACCAGTAAACCGAGACATTTGCAGGAGGTGGTACCGCCTTGGGGCA
GCACCAGAGGAAGAGTCTGCCTATGTGGCAGGAGAAAAGAGGCAGCATTCCAGCCAAGATGTTTCATGTA
GTATTGAAACTCTGGAAGAGTGGATTACGCTGGATAATGGAGAAGCTCAGAAGCTACCAAGACCCATCC
AATGCCAGTTTCTGGAGTCTATCCGCAGAGGGGAGGTGCCAGCAGAGCTTCGGAGGCTAGCTCACGGT
GGACAGGTGAACCTGGATATGGAGGACCATCGGGACGAGGACTTTGTGAAGCCAAAGGAGCCTTCAA
GCCTTCACTGGCAGGGTTCAGAACTGGGCAGCACTGCCCCCAGGTGTTGAGTACCAGCTCTCCAGCC
CAACAGGCAGAAAATGAAGCCAAAGCCAGCTCTCCATCTTAATCGACGAATCAGAGCCTACCACAAC
ATCCAAATTCGGCTTGCAGACGGCGGGAGGCTGGTGCAGAAATTTAACACAGCCACAGGATCAGCGAC
ATCCGACTCTTCATCGTGGATGCCCGGCCAGCCATGGCTGCCACCAGCTTTATCCTCATGACTACTTTC
CCGAACAAAGAGCTGGCTGATGAGAGCCAGACCCTGAAGGAAGCCAACCTGCTCAATGCTGTCATCGTG
CAGCGGTTAACATAA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001206736  
**Insert Size:** 1119 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_001206736.1</a></u>
<b>RefSeq Size:</b>	3574 bp
<b>RefSeq ORF:</b>	1119 bp
<b>Locus ID:</b>	55968
<b>UniProt ID:</b>	<u><a href="#">Q9UNZ2</a></u>
<b>Cytogenetics:</b>	20p13
<b>MW:</b>	40.8 kDa
<b>Gene Summary:</b>	<p>N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of the protein encoded by this gene binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8. [provided by RefSeq, May 2011]</p> <p>Transcript Variant: This variant (4) includes an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (d) that is longer than isoform a.</p> <p>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.</p>