

## Product datasheet for **SC338006**

### NUP155 (NM\_001278312) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUP155 (NM_001278312) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUP155
Synonyms:	ATFB15; N155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278312, the custom clone sequence may differ by one or more nucleotides

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ATGCCGCTTCTTTGTTGGCGCGGCGATGCCGGCCTCTACATCTGCCGAGCCCTGCAGGAAGCTCTGG
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AGCAGTACAAGCCACTCTGGGAATTTTAAATCTCTTCAAGCTAAATTAGAACGGCTTCAT TAA
    
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- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001278312
- 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).
- Components:** 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\\_001278312.1](#), [NP\\_001265241.1](#)

**RefSeq Size:** 4408 bp

**RefSeq ORF:** 3984 bp

**Locus ID:** 9631

**Cytogenetics:** 5p13.2

**Gene Summary:** Nucleoporins are proteins that play an important role in the assembly and functioning of the nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6. [provided by RefSeq, May 2013]  
Transcript Variant: This variant (3) lacks an alternate in-frame exon in the 3' coding region compared to variant 1. It encodes isoform 3 which lacks an internal segment and is shorter, compared to isoform 1.