

## Product datasheet for SC335991

### DYNC1LI2 (NM\_001286157) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DYNC1LI2 (NM_001286157) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYNC1LI2
Synonyms:	DNCLI2; LIC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335991 representing NM_001286157. Blue=Insert sequence Red=Cloning site Green=Tag(s)

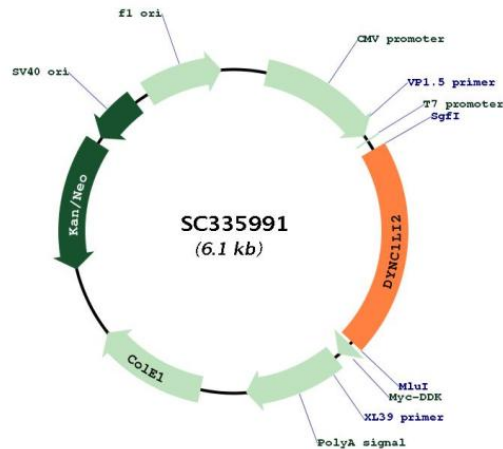
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GACCTGACCAGTGAGGAGGAGGAAGGCCAGAGCCTATGGTCTCCATTCTGAGCGAAGTGTCCACCCGC
GCCAGGTCCAAGTGCCTCCGGCAAGAACATCCTGGTCTTCGGTGAAGATGGTTCTGGTAAAACAACC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

**Plasmid Map:**



ACCN: NM\_001286157

Insert Size: 1248 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).

**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\\_001286157.1](#)

RefSeq Size: 4121 bp

RefSeq ORF: 1248 bp

Locus ID: 1783

UniProt ID: [O43237](#)

Cytogenetics: 16q22.1

Protein Families: Druggable Genome

**MW:** 45 kDa

**Gene Summary:** Cytoplasmic dynein is a microtubule-associated motor protein (Hughes et al., 1995 [PubMed 7738094]). See DYNC1H1 (MIM 600112) for general information about dyneins.[supplied by OMIM, Mar 2008]