

## Product datasheet for **SC324509**

### **DYNC1LI2 (NM\_006141) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DYNC1LI2 (NM_006141) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYNC1LI2
Synonyms:	DNCLI2; LIC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_006141.2  
 GGCAAGATGGCGCCGGTGGGGGTGGAGAAGAAGCTGCTGCTAGGTCCCAACGGGCCCGCG  
 GTGGCGGCCCGCCGGCGACCTGACCAGTGAGGAGGAGGAAGGCCAGAGCCTATGGTCCTCC  
 ATTCTGAGCGAAGTGCCACCCGCGCCAGGTCCAAGCTGCCGTCCGGCAAGAACATCCTG  
 GTCTTCGGTGAAGATGGTTCTGGTAAAAACAACCCTCATGACTAACTACAAGGAGCTGAG  
 CATGGCAAAAAAGGAAGAGGCCTAGAATATCTCTACCTCAGTGCCATGATGAGGACCGA  
 GATGATCACACGCGCTGCAACGTGTGGATTCTGGATGGAGACTTGACCACAAAGGCCTG  
 CTGAAATTTGCAGTTTCTGCTGAATCCTTGCCAGAGACCCTCGTCATTTTTGTTGCAGAC  
 ATGTCTAGACCTTGGACTGTGATGGAATCTCTGCAGAAATGGGCTAGTGTTTTACGTGAG  
 CACATTGATAAAATGAAAATTCACCAGAAAAATGAGGGAGCTGGAACGGAAGTTTGTG  
 AAAGATTTTCAAGACTATATGGAACCTGAAGAAGTTGTCAAGTTTCCCCACAGAGAAGA  
 GGCCCTCTGACCTCAGGCTCCGATGAAGAAAATGTTGCCCTGCCTCTGGGTGACAATGTG  
 CTGACTCATAACCTGGGGATCCCGGTGTTGGTGGTGTGCACAAAGTGATGCGGTGAGT  
 GTCCTGGAGAAGGAGCACGATTACAGGGATGAGCATTGGACTTTATCCAGTCACACCTG  
 CGGAGGTTCTGCCTTCAGTATGGAGCTGCCTTGATTTACACATCAGTGAAAGAAGAGAAA  
 AACCTCGACTTGTGTATAAGTATATTGTTTCATAAAACATACGGTTTCCACTTACCACA  
 CCTGCCTTAGTTGTGAAAAGGATGCCGTTTTTATACCTGCAGGCTGGGACAATGAAAAG  
 AAAATAGCTATTTTACATGAAAATTTTACAACCGTGAAGCCGGAAGATGCATATGAAGAC  
 TTTATTGTGAAACCTCCCGTGAGAAAAGCTGGTCCACGACAAAGAGTTGGCAGCAGAAGAT  
 GAGCAGGTGTTCCCTAATGAAGCAACAGTCACTCCTTGCCAAGCAACCAGCCACTCCCACG  
 AGAGCTTCTGAATCTCCTGCAAGAGGACCCTCTGGCTCTCCAAGGACCCAGGGTCGGGGA  
 GGGCCAGCCAGTGTGCCTAGCTCCTCCCAGGCACGTGAGTAAAAAGCCAGACCCAAAC  
 ATCAAAAATAATGCAGCAAGTGAAGGGGTGTTGGCCAGCTTCTTCAACAGTCTGTTGAGT  
 AAAAAGACAGGCTCTCCTGGAAGTCCTGGTGTGGTGGGTGCAGAGCACAGCCAAGAAC  
 TCAGGACAAAAGACTGTGTTGTCAAATGTTGAGGAAGAACTGGATAGAATGACTCGAAAAG  
 CCAGACTCTATGGTAACAAACTCTTCAACAGAAAATGAAGCCTGAACCTCCTTAAAAAGT  
 GCATATGTGCAATGACCAATAACTATGTATATTGATCTGCTAAGACCAGGATTTTTCTG  
 ATATGGCACATGCTATCAGTTTTTTGGGGCAGGGGAGATGAACTTTAAAAAAAAAAAAA  
 AAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_006141

**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.

**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).

<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_006141.2</a> , <a href="#">NP_006132.1</a>
<b>RefSeq Size:</b>	4352 bp
<b>RefSeq ORF:</b>	1479 bp
<b>Locus ID:</b>	1783
<b>UniProt ID:</b>	<a href="#">O43237</a>
<b>Cytogenetics:</b>	16q22.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	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]