

## Product datasheet for **MC202584**

### Dync1li2 (NM\_001013380) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dync1li2 (NM_001013380) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dync1li2
Synonyms:	AA409702; C920003I06; Dncli2; Dncllc2; LIC2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC058645 sequence for NM\_001013380  
 CCGGCTGGCTGCCTGACCCAGCAACGTCCCTAGCTGCGGGCATCCCACGTCCCGCAGACGCACGAGGACA  
 CCGCGGGCCCGTCGGGACGCGCTGGATAACGGAGCTTCTGCGGCGTTGCGGGCGGGCAGCGCGGCCCGGC  
 CGGGGTCTTTCGGGGTCTCGGCGGGCCCGGGGGAGGGCCCTCTTTGGCTGCAGTTGGCAAGATGGCG  
 CCGGTGGGGTGGAGAAGAAGCTGCTGCTGGGTCCCAACGGGCCCGCAGTGGCGGCCCGGGCGACCTGA  
 CAAGTGAAGAGGAGGAAGGCCAGAGTCTATGGTCTTCGATCTTGAGCGAAGTGTCCACCCCGTCCAGGTC  
 AAAGTCCCGTCCGGCAAAAACATTCTGGTGTTCGGTGAAGATGGTTCTGGTAAGACAACCTCTCATGACC  
 AAATCCAAGGAGCAGAACACGGCAAAAAAGGAAGAGGCTTAGAGTATCTTTACCTCAGCGTTTCATGATG  
 AGGACCGGGACGATCACACACGCTGCAATGTGTGGATTTAGATGGAGACCTCTACCATAAAGGCCTGCT  
 GAAATTTGCAGTTTCAGCTGAGTCTCTGCGGGAGACCCTGGTCATTTTTTTGTTGCCGACATGTCTCGACCT  
 TGGACGATAATGGAGTCTCTGCAGAAGTGGGCTAGTGTTTTACGGGAGCACATTGACAAGATGAAGATTC  
 CACCGGAGGAGATGCGGGATCTGGAACGGAAATTTATGAAAGAGTTTCAAGATTATATCGAGCCTGAAGA  
 AGGTTGTCAGGGTCCCCACAGAGAAGAGGGCCTCTGACCTCAGGCTCAGACGAAGACAGTGTGGCCCTC  
 CCTCTGGGTGACAACGTGCTGACTATAACCTGGGGATCCAGTGTGGTGGTGTGCACAAAGTGTGATG  
 CCATGAGCGTCTTGAGAAGGAGCAGATTACAGGGACGAGCACCTGGACTTCATCCAGGCGCACCTGCG  
 GAGATTCTGCCTCCAGTATGGAGCAGCCTTGATTTACACCTCAGTGAAGGAAGAGAAAAACCTTGACTTG  
 CTGTATAAGTACATTGTTTATAAAACCTATGGCTTCCACTTTACCATACCCGCTTAGTTGTGAAAAGG  
 ACGCGGTTTTTATACCTGCAGGCTGGGACAATGAAAAGAAAAAGCTATTTTACATGAAAATTTTACAAC  
 CGTGAAGCCAGAAGACGCGTATGAAGATTTTATTGTAAGCCGCTGTGAGAAAGCTGGTCCATGACAAA  
 AAGTTGGCAGCGGAGGATGAGCAGGTGTTCTAATGAAGCAACAGTCACTCCTTGCCAAGCAGCCTGCCA  
 CGCCACAAGAACCTCCGAATCCCCTGCCAGAGGACCCTCTGGCTCTCAAGGACGCAGGGTTCGGGGTGG  
 ACCAGTAGTGTACCAAGTGCCTCCCCGGAACCTCAGTAAAGAAGCCAGATCCAACATCAAAAAAT  
 GCGGCAAGTGAAGGGGATTGGCAGCTTCTTCAATAGTCTGTTGAGTAAAAAACAGGCTCCTCCGGAA  
 GTCTAGTGTGGTGGAGTGCAGAGCACAGCCAAGAAGTCAAGGACAAAAGACTGTGTTGCAAAATGTTCA  
 GGAAGAACTGGATAGAATGACTCGAAAGCCAGACTCCATGGTAACAAAACCTTCAACAGAAAATGAAGCC  
 TGACCCTCCTTTGAAAGTGCATCTGTCAAATGACCAAATAACTATGTATATTCATCTGATAAGACCAGGA  
 TTTTTCTGATTCGGCACATGCTGTGAGTTTTTGGGGTAGGGGAGATGAACTTTAAAAACAATACATATAC  
 TTCTTTGGCTTGTCCGAGTGTGAGATGCACATTTAGGAGGCTCCATGTCAGGCCCTTCTTAGGGATGTC  
 CCTTGGACTCTTGGGCTGCGATTCTCTTGTGGGAAGCAAGTGCAGCTGGCCTTGTAGAGTGGAGAAAGGA  
 GGCCCACTTTCTATCAGGGTGGAGCAAAGGAGACTAGGAAGGCATTGTTTCCAGATGGATGGTTAGTTTGC  
 CAGTTGCGTGTAGCAAATTCACCTGTTCTTGGGAAGCAGTTAAGTAGCTGACAGTCCAGGAAAGAGAA  
 AGGTTCCGGAGGACGAGAGAAGTGTGGTGGGAAGCCGAAGGTTGAGGGAGGTGGAGGAAGGAAGCGA  
 GTGAGCGGGCAGGCAGTGTAGTAAAGTACAAGCTCGGTAGAAACCAAGATAGCAACAGTTAAGACCTAA  
 ATAGAAAACATTTCCAACTAAGCACTAAACAGAAATGGGAGCTGGGCTTGTCTAAATGATCTTTAAGTT  
 ATGGGAAATGTGTTTTATGTAGGGTGTGAGTAAGGTGGGCTGACTCAGGGCTGGTGAAGACCACAGCTG  
 CCCCCGGACCCACATGCTTGACCCAGGCCATGTCCCTTGTCTTGGAGAGATGTCGGGCTCTATGCAGA  
 TGTAACCTGGGGCAGGCAGTGCCTGTGCGTTATGTTCAAAGTCAAGCAGATACAAAACCTAGATATTTAAA  
 TAGTTCCTGTTTTGTGTTGTTAATTATTTTTTAACTACCACAGGCTGGCCAACTAATAGAAAAAGGGT  
 GATTGATTTCTCATTTTTGTACCATGTTGGCAATGTTCTAGGGAAAGTGTGGGGAAAGTATTTAATGTCGT  
 TACACTCTGGTTATTTGGCTTGTGCCAGTCTGCCTTAGAGCCTGTGGTAACCCCTCCCTGATACAGAAA  
 GGTCTTTCTGTAGTCCCTGGTCGGATCATTGCTGTGACACCGACAGGTGGGTGCTTCCATGGAGAGT  
 GGAAGTGGTAGGCTTGTGCTTTCCATGAAACGTAGCACTTCTTCTCTTAAAGGAGGTGCAAGTCTTCTGTG  
 TCTTCCATCAGGGCATGTTTATGAACACTGTCATGTCACACCACATGCTGAAGATAACTTCTGTGGAT  
 TTGAAATGGCACTTTGAGTTTCTGTGTGACACAGCACATAAATGCAAGCACTACCATGACTTTAATGTAT  
 AAAATCTTTGTTATCCAAACCAAGGGGAAAACACAGTTCCTCCGTTGGAGTTTACTCTTTTTTTATAT  
 GAATGTTTGTACTGTGCTCGGCATAGTGTCCCTAATGTTGTTACATACATTTCATATAAAAAA

**Restriction Sites:** AscI-NotI  
**ACCN:** NM\_001013380  
**Insert Size:** 1479 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).
<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="#">BC058645</a> , <a href="#">AAH58645</a>
<b>RefSeq Size:</b>	3145 bp
<b>RefSeq ORF:</b>	1479 bp
<b>Locus ID:</b>	234663
<b>UniProt ID:</b>	<a href="#">Q6PDL0</a>
<b>Cytogenetics:</b>	8 53.04 cM
<b>Gene Summary:</b>	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in binding dynein to membranous organelles or chromosomes (By similarity).[UniProtKB/Swiss-Prot Function]