

Product datasheet for **RN201749**

Dync1li1 (NM_145772) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dync1li1 (NM_145772) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dync1li1
Synonyms:	Dncli1; Dncl1c1; LIC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201749 representing NM_145772
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGTGGGGCGAGTCGGCTCGTTCGGTTCATCTCCACCCGGGCTAGCCTCGACTTACGCCAGCG
 GACCCCTAGCCAACGAGCTGGCTTCGGGCAGCGCGGCCCGCGGCGGGGACGATGAGGACGGGCAGAA
 CCTTTGGTCCCAGCATCCTCAGGGAAGTCTCCACCGCTCGCGCTCCAAGCTCCCGACCGGAAGAACGTG
 CTGCTGCTGGGTGAGGATGGAGCTGGGAAAAACAAGCCTCATAAGAAGAATCCAGGGGATAGAGGAGTACA
 AGAAGGGACGAGGACTGGAGTATTTGACTTAAATGTGCATGACGAAGACAGGGATGATCAAAACAAGATG
 TAATGTATGGATCTTAGATGGAGATCTATACCACAAAGGGCTACTCAAGTTCTCTCTGGATGCCCTTTCT
 CTGAGGGACACTCTGGTCATGTTGGTCGTCGATATGTCAAAGCCTGGACTGCTTTGGATTCTTACAGA
 AGTGGCAAGTGGTGAGAGAATGTTGACAAACTGAAAATCCCCCTGAAGAAATGAAGGAAATGGA
 GCAGAAGTTGATTAGAGACTTCCAAGAGTACGTGGAGCCAGGAGAAGACTTCCAGCCTCCCCTCAGCGA
 AGAGCCACGGCTGCACAGGAGGACAGAGATGACAGTGTGCTCCTACCCCTGGGTGCAGACACGCTCACAC
 ACAACCTGGGCTACCCGTGCTCGTAGTCTGTACAAAGTGTGATGCCATTAGTGTCTTGGAGAAAGAACA
 TGAATATAGAGATGAACACTTCGATTTTATCCAGTACACATCCGCAAGTTCTGTTTACAGTATGGTGCA
 GCGCTGATTTACACGCTGTCAAAGAGAACAAGAACATAGATTTAGTTTATAAATACATCGTCCAGAAGC
 TGTACGGGTTCCCTACAAGATCCCTGCGGTGGTGGTGGAAAAGGACGCAGTGTTCATCCAGCAGGGTG
 GGATAATGATAAGAAAATAGGAATATTACATGAAAATTTCAAATTTGAAAATAGAAGATAATTTTGAA
 GACATATAACCAAACCTCCTGTCCGAAAGTTTGTGCATGAGAAGGAGATTATGGCAGAAGATGACCAAG
 TGTTTCTTATGAAGCTACAGTCTTTTTAGCAAAGCAACCTCAAAGTCTGCTGGAAGCCTGTGGATGC
 ATCACCAGAGTCCCTGGAGGCTCTCCTCGAACACCAAACAGATCCGTGTCATCCAATGTTGCCAGCGTG
 TCCCCATCCCTGCAGGATCCAAAAAATTGATCCCAACATGAAAGCTGGAGCAACCAGCGAAGGGGTCC
 TGGCAAATTTCTCAACAGTCTGTTGAGTAAGAAGACTGGCTCTCCTGGAGGCCCGGGGTGGGGGCGAG
 TCCTGGAGGAGGGGCTGCAGGTGCAAGCAGGTTTGGCCACCATCCGCCAAGAAGTCAAGCCAGAAACCT
 GTGCTCTCAGATGTTTATGCCGAGCTCGACAGAATCACACGAAACCTGCTTCTGTTTCTCTACAACAC
 CTCCATCTCTACGAAGGAGAAGCCTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_145772
- Insert Size:** 1572 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_145772.1](#), [NP_665715.1](#)

RefSeq Size: 1730 bp

RefSeq ORF: 1572 bp

Locus ID: 252902

UniProt ID: [Q9QXU8](#)

Cytogenetics: 8q32

Gene Summary: binds the centrosomal protein pericentrin; plays a role in mitotic spindle organization [RGD, Feb 2006]