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Product datasheet for MC201651

Dync1li1 (NM_146229) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dync1li1 (NM_146229) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dync1li1
Synonyms:	1110053F02Rik; Dnclic1; LIC-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC023347 sequence for NM_146229
CGCCGCTTCGCTCTTCCAGCCCTGTCAGGAGTGGTGTGATTCCCGACCAAGATGGCGGCCGTGGGGCGAG
TCGGCTCGTTCGGTTCATCTCCACCCGGGCTAGCCTCGACCTACGCCAGCGGACCCCTAGCCAACGAGCT
AGCGTCGGGCAGCGGCGGCCCCGCGGCGGGCGACGATGAGGACGGGCAGAACCTTTGGTCCTGCATCCTC
AGCGAGGTCTCCACGCGCTCGCGCTCCAAGCTCCCGACCGGGAAGAACGTGCTGCTGCTGGGTGAAGATG
GAGCTGGGAAGACAAGCCTCATAAGAAGAATTCAGGGCATAGAGGAGTACAAGAAGGGAAGAGGACTGGA
GTACCTGTACTTAAATGTGCACGACGAAGACAGGGATGATCAAACAAGATGTAATGTATGGATCTTAGAT
GGAGATCTGTACCACAAAGGGCTACTCAAGTTCTCTCTGGATGCCCTTTCTCTGAGGGACACTCTGGTCA
TGTTGGTTGTTGATATGTCAAAGCCTTGGACTGCTTTGGATTCCTTACAGAAATGGGCAAGTGTGGTGAG
AGAACATGTCGACAAGCTGAAAATCCCCCCTGAAGAGATGAAGGAAATGGAGCAGAAGTTGATTAGAGAC
TTCCAAGAGTACGTGGAGCCAGGAGAAGACTTCCCAGCCTCCCCTCAGCGAAGAACCACTGGTGCGCAGG
AGGACAGAGGTGACAGTGTTGTCCTGCCCCTGGGTGCAGACACACTCACACACAACCTGGGCCTACCAGT
GCTCGTAGTCTGTACGAAGTGTGATGCCATTAGTGTATTGGAGAAAGAGCATGACTACAGAGATGAACAC
TTCGATTTTATCCAGTCTCACATCCGCAAGTTCTGTTTACAGTATGGCGCAGCGCTGATTTACACTTCAG
TAAAAGAGAACAAGAACATAGACTTAGTTTATAAATACATCGTCCAGAAGCTGTACGGGTTCCCGTACAA
GATCCCTGCGGTGGTGGTGGAGAAGGACGCAGTGTTTATTCCAGCAGGGTGGGATAATGATAAGAAAATA
GGAATATTACATGAAAATTTTCAGACTTTGAAAGTAGAAGATAATTTTGAAGACATCATAACCAAACCTC
CTGTCAGAAAGTTCGTGCATGAGAAGGAGATCATGGCAGAAGATGACCAAGTGTTTCTGATGAAGCTACA
GTCTCTTTTAGCAAAGCAACCTCCAACTGCAGCTGGAAGGCCTGTGGATGCATCACCAAGAGTCCCTGGA
GGCTCCCCTCGAACACCAAACAGATCTGTGTCATCCAATGTTGCCAGTGTGTCCCCCATCCCTGCTGGAT
CCAAAAAAATTGATCCAAACATGAAAGCTGGAGCGACCAGCGAAGGGGTCCTGGCGAATTTCTTCAACAG
TCTGTTGAGTAAGAAGACTGGCTCTCCTGGAGGCCCCGGGGTCGGCGGCAGTCCTGGAGGAGGGGCTGCA
GGTGCAAGCCCCAGTTTGCCACCGTCCGCCAAAAAGTCAGGCCAGAAACCTGTGCTTTCAGATGTTCACG
CAGAGCTAGACAGAATCACACGGAAACCTGCTTCTGTTTCTCCTACAACACCTACATCTCCTACGGAAGG
AGAAGCCTCCTGAAGATACCAAACAAAGCCATTTGTTCATTCTTCTGGGTAATGACAGCTTGCCTCTGCC
CTGCCCTTCCAAGTTGGAACTACGATGGGGCCGGAAGCTTTTACAAACAGACAAAGTTTATGTCCTTATG
TCCTTTTTTTTTTTTTTTTGGTGGCTGCCCATTTTTAAAAGAGGAACTACACAGAAGAAAGACAGGTTTT
TTTTTTTTTTGGTTTTTCGAGACAGGATTTCTCTGTATAGCCCTGGCTGTCCCAGAACTCACTTTGTAGA
CCAGGCTGGCCTCAAACTCAGAAATCCTCCTGCCTCTGCCTCCGGTGTGCGCCACCAGGACCGGCTAAGA
AAGACAATTTTACATTATGTAGAATAACTGTTTGCATTGCCATTCTGCAAAATGAAGAAATTTTGATTTT
TGAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146229

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:	BC023347, AAH23347
RefSeq Size:	2047 bp
RefSeq ORF:	1572 bp
Locus ID:	235661
UniProt ID:	Q8R1Q8
Cytogenetics:	9 F3
Gene Summary:	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. Probably involved in the microtubule-dependent transport of pericentrin. Is required for progress through the spindle assembly checkpoint. The phosphorylated form appears to be involved in the selective removal of MAD1L1 and MAD1L2 but not BUB1B from kinetochores (By similarity).[UniProtKB/Swiss-Prot Function]