

Product datasheet for **MC200964**

Dynll2 (NM_026556) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dynll2 (NM_026556) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dynll2
Synonyms:	1700064A15Rik; 6720463E02Rik; C87222; Dlc2; DLC8; DLC8b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011289 sequence for NM_026556
 CCAGGGGACACCGCCCCTGCTCGCGCTTTGCTTCAGCCAGCGCTGCTCCCCAGGGGCTGTGCGGACTC
 GCCTGCGTGACGTGTCACGATGTCTGACCGGAAGGCAGTGATCAAGAACGCAGACATGTCTGAGGACATG
 CAACAGGATGCCGTTGACTGTGCCACACAGGCCATGGAGAAGTACAACATAGAGAAGGACATTGCTGCC
 ATATCAAGAAGGAATTTGACAAGAAATAAACCTACCTGGCATTGTATCGTGGGCCGGAATTTTGGCAG
 CTACGTACACACGAGACAAAGCACTTCATCTATTTTTACTTGGTCAAGTTGCAATCCTCCTCTCAAG
 TCGGGCTAGGTGGCCGAGGCGAAGGTGTCCGTGGCGGCGCAGCGATGGCAAGCAGGCGGCTTGTGGG
 ACTGTTGCACTGGGGCCAGCATCAGGAAGTCCTCCTCAATGGCTGTGCTACTGCATGGACTGTGTACTCG
 ATTTTCATGTGTGTGTCGAGTAAACAAAAACAAACTCCTTTCTGTTTAGTTGCCTGGGGAAGAAGGCTG
 CTTTGCCTTTGTTTTAAGACGTTAACATTATTTTTTTGGTTGACTGCACTAGGAAATCTCTCCACCC
 CTCCTTTTCTCTCTCCCTAGATAAAAAATAAAGGCCCTCCTCGAAGCCCTAAGGACTAGGAGGGCCG
 AGGAATAGAAATAGGTCTGAGGTGGAAGTTAAGCTGCAGGTGCCTCTTGGGTGGTGGTGTCTGTAGG
 AGGCCGGGAGGCTGTGAGGACAGGTTAGGATTGGCAAGGAGAGGGGCAGGAAGTGGGGGGGGGTGG
 CTCTAGTACCAGGAGAATATCCACAGAACTGTGACTATGGCTTGGGGCAGGGGTGGGTGTGCACTCTC
 TAAGGGGCCCTAAGGTGTGTTTGTGGTGTGGGAATGGGGAGCAGACTCGTCTTCCCGTCTGTGAGGATTT
 TAAGTAAGGGCTGTGCTTTGTGGGTGATCTTCTCATATTTCTCCAGCCAGAAAGTCGTGTTGGGAGGATG
 CTGGGAGTAGGGTTAGCCTGACTTCCCCTTTACATTCTGTCTGCTCCCTGCTTAGCCCTCGTTTTTCTC
 ATTCCTTCGTTCTCTTAGAGCAGCCCTATTGTTGGCTGGCAAGGGAATTTCTGGTACTGTAGTTCCTT
 AGTTAGGTCTTAGCAATCAAACCAATCAATGCCCGTCAGTTCTTCTTTGTGACGTTTGTGTTTGTCTG
 TGTGCGTGTGTGGGGTGGGTTTGGGGTAGAAGGTGGGAAGGGGCAGGATAAGTGAATCTCTAGGGTG
 TATGGGAAGTAGAGGGCAGTTAGTTCTAAGTGGGCTTTATGTTCCCTGTGTGAGGGTGAACAGGTT
 GGTATCAAACCATCCCCCTCCCCTTAGTTCATCTTGTCTGGACTGCTTTGCCTTGTGGCTGTCTGTTT
 CCTGGGAAGGTTTTTGAAGGTCACCCAGAACAGGATGGCCATACTAACATCTTTCTGGAGTTGGATCT
 GGGACCAGGTGACTGGTCTCTAGTGGGAAGTGAGAATGGAAGTGATGGGGTGGAGAGCTCCTTGGACAG
 GTCTGAAGTATAGCAATGACCTCTGGGAGGCAGGAGGTGGAGAATGGAAGTGGGGTGGAGGGCTCCTGGA
 ACAGGTCTGAAGTATAGCAATGACCTCTGGGAGGCAGGAGGTGGAGAAGGCTGTGATTGGGAGGAGATTC
 CAGAGAAGAGTGAAGGAAACCTTGTCTGTCGGTGACATGATTGGGGTGGTGGGGTGTGATTGCCA
 ATTGAGCTGTGATTCTTATGAATCACATTCAGAACTCGCATAGGGTTGACTGTAAAGGGTGGGGAAA
 TCTAGCTATTTTTTTTCCCAGCCATTCTTGGGGTGGGGGAGGCAGGAGAATGCCCTTCTCCT
 AAGCCCTTCTGTGTGTGAGCTTTTGTCTTCTCAGTGTGGCAGGGAGGGTGGGAAGTGGTGGGA
 CTGAGTCCCTGTCAAACCGTTATTGGGTACAGGATTGAATGTTTGTATTTTAGTTTTATTTTTCTTAT
 GAATGTCCAGATCTGTGTTTCCCTGCCCTCCAGACTCTGGCCAGTTGGAAGTGTCTCGTTTTTGTTCAT
 CTCTCATTCTGGTGCAGGGACTGAGACCCTGCCACATCTATGCTCTGCATCCACGCCTCTTTTGGACAT
 TAAAGTTCGATTGATGCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026556

Insert Size: 270 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: [BC011289](#), [AAH11289](#)

RefSeq Size: 2280 bp

RefSeq ORF: 270 bp

Locus ID: 68097

UniProt ID: [Q9D0M5](#)

Cytogenetics: 11 C

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 changing or maintaining the spatial distribution of cytoskeletal structures (By similarity).
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.