

## Product datasheet for **RC221434**

### **DYNC112 (NM\_001378) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DYNC112 (NM_001378) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DYNC112
Synonyms:	DIC74; DNC12; IC2; NEDMIBA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC221434 representing NM\_001378  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAGACAAAAGTGAATTAAGGCTGAGTTGGAACGTAGAAGCAGCGACTGGCCAAATCAGAGAGG  
 AAAAGAAGAGAAAAGAAGAAGAAAGGAAAAAAGAAACAGACCAGAAGAAGGAAGCTGTTGCTCCTGT  
 GCAAGAAGAATCAGATCTTGAAAAAAGGAGAGAAGCTGAAGCATTGCTTCAAAGCATGGGGCTAACT  
 CCAGAATCCCCATTGTTTTCTGAATACTGGGTCCTCCTCCTATGTCTCCATCCTCCAAATCTGTGA  
 GCACTCCAAGTGAAGCTGGAAGCCAAGACTCTGGAGATGGCGCGTGGGATCTAGGACGCTGCATTGGGA  
 TACAGATCCATCAGTTCTCAGCTTCACTCAGATTCGATTTGGGACGAGGACCTATTAACCTGGAATG  
 GCTAAAACACGCAAGTCGACTTCTCCTCGAGAAATGTCACGTATACAAAGGAAACTCAGACTCCAG  
 TTATGGCTCAACCCAAAGAAGATGAAGAGGAAGATGATGATGTAGTGGCTCCTAAACCACCTATTGAACC  
 TGAAGAAGAGAAAACCTTAAAGAAAGATGAGGAAAATGATAGTAAAGCTCCCCCTCATGAGCTGACTGAA  
 GAAGAAAAGCAACAAATCTGCACTCTGAGGAATTTTAAAGTTTCTTTGACCATTCTACAAGAATTGTAG  
 AAAGAGCTCTTTCTGAGCAGATTAACATCTTTTACTATAGTGGGAGAGATTTGGAAGACAAAGAAGG  
 AGAGATTAAGCAGGTGCTAAACTGTCATTAATCGACAATTTTTGACGAACGTTGGTCAAAGCATCGG  
 GTGGTTAGTTGTTGGATTGGTCATCTCAGTATCCGGAGTTACTCGTGGCTTCTATAACAACAATGAAG  
 ATGCCCTCATGAGCCTGATGGTGTGGCCCTTGTATGGAATATGAAATACAAAAAACTACCCAGAGTA  
 TGTGTTTCACTGCCAGTCAGCTGTGATGCTGCCACATTTGCAAAATTCATCCAATCTTGTGTTGGT  
 GGTACATATTCAGGCCAAATGTGCTTTGGGATAACCGTAGCAATAAAGAAGCTCCAGTGCAAAGAAGTC  
 CACTGTCAGCAGCTGCACACACACACCCTGTATATTGTGTAATGTTGTTGGAACACAAAATGCTCACAA  
 TCTGATTAGCATCTACTGATGAAAAATTTGTCATGGAGTCTGGACATGCTTTCCCATCCACAGGAT  
 AGCATGGAGTTGGTTCATAAACAGTCAAAAGCAGTAGCTGTGACATCTATGTCCTTCCCTGTTGGAGATG  
 TCAACAACCTTTGTTGGGAGTGAAGAAGTTCTGTGTACACAGCATGCCGCCATGGCAGCAAAGCTGG  
 AATCAGTGAGATGTTGAGGGGCATCAAGGACCAATCACTGGCATCCATTGTCATGCAGCTGTTGGAGCA  
 GTAGACTTCTCACATCTTTTGTCACTTCACTGTTTACTGGACAGTAAAGCTTTGGACAATAAGAATA  
 ACAAGCCTTTGTATTCATTTGAAGATAATGCAGACTATGTTTATGATGTTATGTGGTACCTACCCACCC  
 AGCCCTGTTTGCCTGTGGATGGCATGGGAGATTGGATTTGTGGAATCTCAATAATGACACAGAGGTA  
 CCAACTGCCAGCATTTCTGTGGAGGTAATCCTGCTTAAATCGTGTGAGATGGACCCATTCTGGCAGAG  
 AGATTGCTGTGGGTGATTCTGAAGGACAGATTGTTATATACGATGTGGGAGAGCAGATTGCTGTTCCCCG  
 CAATGATGAATGGGCACGGTTTGCCGAACACTTCGAGAAATTAATGCAAACCGAGCTGATGCAGAGGAG  
 GAAGCAGCTACCCGAATACCTGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_001378.3](#)

**RefSeq Size:** 4414 bp

**RefSeq ORF:** 1917 bp

**Locus ID:** 1781

**UniProt ID:** [Q13409](#)

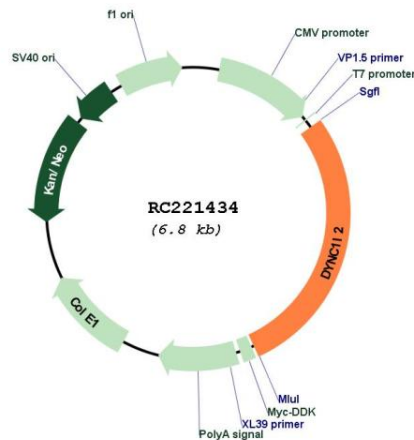
**Cytogenetics:** 2q31.1

**Domains:** WD40

**MW:** 71.9 kDa

**Gene Summary:** This gene encodes a member of the dynein intermediate chain family. The encoded protein is a non-catalytic component of the cytoplasmic dynein 1 complex, which acts as a retrograde microtubule motor to transport organelles and vesicles. A pseudogene of this gene is located on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

### Product images:



Circular map for RC221434