

## Product datasheet for **RN202412**

### **Dnajc16 (NM\_001014194) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnajc16 (NM_001014194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc16
Synonyms:	MGC109011
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202412 representing NM\_001014194  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAATTGAAAAGTTGAGCATTTCCTGGCAATTCCTTGATAGTCCTCGTTCTGATCCTGCAAAGCCTGT  
 CTGCATTGGATTTTGACCCGTACAGAGTCTAGGGGTACGCCGCACAGCCAGTCAGGCTGACATTA  
 GGATATAAGAAGCTCGCTCGGGAATGGCATCCTGACAAAAACAAGACCCTGGAGCAGAGGACAAGTTC  
 ATTCAGATCAGCAAGGCTTATGAGATTCTGTCCAATGAGGAGAAGAGGACAAACTATGACCACTACGGTG  
 ATGCGGGTGAGAACCAAGGCTACCAGCAGCAGCGAGTACCGCTTCCGCCATTTCCACGAGAATTCTA  
 TTTTGATGAATCCTTTTTCACTTCCCTTTCAATTCGAGCGCGGGACTCAATCGATGAGAAGTACTTG  
 TTGCATTTTCACTACGTGAATGAAGTGTCCCGACAGCTTCAAAAAACCCTACCTCATTAAGATCA  
 CGTCGGATTGGTCTTGTAGTGTATCCACATCGAGCCTATCTGGAAGGAAGTGGTCCAGGAAGTGAAGG  
 ACTGGGTGTGGGATTGGTGTTCATGCTGGGTACGAAAGACGCTGGCCATCACCTGGGAGCACAC  
 AGCACCCCTCCATCCTAGGGATCATCAATGGGAAGATCTCTTTCTCCACAATCGGGTAGTTTCATGAGA  
 ACCTACGGCAGTTCGTGGAGAGCCTTCTCCAGGGAAGTGGTGGAGAAGGTACAAAATAAAAAATTATGT  
 GCGGTTCTCTCTGGCTGGCAGCAGGAGAATAAGCCACATGCCCTCCTGTTCCGGCAGACACCAGCAGCG  
 CCACTGCTGTACAAGTTGACGGCCTTGCATACAAAGATTATGTGTCATTTGGATATGTGTATGTGGCT  
 TGAGAGGTGTGGAGGAGATGACCAGGCAGTACAACGTCAACATCTATGCCCCACCATGCTGATCTTCAA  
 AGAGCACATCAACAAGCTGCCGATGCGATCCAGGCTCGGGGCTGAAGAAGCAGTTCATCGAGGACTTC  
 ATCACCAAAAACAAGTACCTGCTGGCGTCCCGGCTCACCAGCCAGAAGTGTTCATGAATCTGCCCGG  
 TGAAGCGTCTCACCCAGAGAAAAATACTGCGTGGTTCGCTGACAGCTGAGGCTAACAACAAAGCAAA  
 ACCCTTTGACGCCTTCTGTCAATTTGCACTGGCAAATACTCAAGACACGGTGCCTTTGTGCACGTCTAC  
 AGCAGCCGGCAGCAGGAGTTTGCCAGCACCTTGCTACCGACATTGAAGCATTCCAGGGGAAGTCAGGGG  
 TGTCCATCTTGAAAGGCGGAACACAGCAGGGAGGGTGGTGTAAAAACCCTGGAAGACCCTGGACTGG  
 CAGTGAGAGCGATAAGTTCGTCTTTGGGTTATCTTGACCAGCTGCGGAAAGATCCAGCATTTCTGTCC  
 TCAGAAGCGGTGCTCCCTGACCTGACTGACGAAGTGGCCCTGTGTTCTCCTCCGGTGGCTCTACTCTG  
 TGTCTGACTACCTCTCGGACTTCTGGGAGAGCCTGCTGCACAGTAACTGGCGGGAGATGATGCCCTTGT  
 GTCCTCATCTTCTCAGCCCTTTCATCCTGTTCCGCACTGTCATCGTCCAGGCTTTCAGTACTCAAT  
 GAGGAGCGGGAGTCTCACCTCCGATAAAGAGGAAGTCCCTGAGAAGGCTGGGAAGACTGAGCCGAGCT  
 TCACAAAAGAGAGCAGCAGCAAAATTCCTAAAAAAGGCTTTGTGGAGGTGACTGAACTCACAGATGTGAC  
 GTACACAGTAATTTGGTACGCCTGAGGCCGGGTACATGAATGTGGTCCATCCTGTCCAATTCACC  
 AAGACAAGCCTGCTGCAGAAGTTGCTTTGGAAGTCTACACATTCACCGGGAGCAGCAGCCTGCCTTCT  
 CCTTCTAACCCTAGACAAAACCGGGAGTGGCTGGAGTATTTGCTAGAGTTTGTCTAGGATGCAGCTCC  
 CATCCCAAACAGTATGACAAGCACTTTATGGAACGAGACTACACTGGCTACGTGCTGGCCCTGAATGGC  
 CACAAGAAGTATTTCTGCCTTTCAAGCCCTAAAGACCGTGGATGAGGAGACCGTGGGCTCCTGTGACC  
 TTGACTCCTCCGAGGGAAGCCACCCTGTGGCCTGGGCCAAGCCCTCAAAGGCAAGCTGAGCAAAGCT  
 GTCGCTGTGGATGGAGCGCCTGCTGGAAGGCTCCTGCAGAGTTCTACATCCCATCGTGGCCTGAGCTG  
 GACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001014194  
**Insert Size:** 2316 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>	<u><a href="#">NM_001014194.1</a></u> , <u><a href="#">NP_001014216.1</a></u>
<b>RefSeq Size:</b>	2613 bp
<b>RefSeq ORF:</b>	2316 bp
<b>Locus ID:</b>	362652
<b>UniProt ID:</b>	<u><a href="#">Q5FVM7</a></u>
<b>Cytogenetics:</b>	5q36