

## Product datasheet for **MC218402**

### **Dnajc8 (BC066222) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc8 (BC066222) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc8
Synonyms:	1110021D09Rik; 2010009J04Rik; AL024084; AU019262; AU044514
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC066222 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGCTTCGGGAGAGAGTGGTGCTTCGGGTGGCGGAGGCAGCACAGAGGAGGCATTTATGACCTTCT  
ACAGTGAGGTGAAACAAATAGAGAAGAGAGATTCAGTTCTAACATCCAAAAATCAAATTGAAAGATTGAC  
TCGTCCTGGTTCTTACTTTAATCTGAACCCATTTGAGTTCTTCAGATAGATCCTGAAGTGACAGAT  
GAAGAAATAAAAAAGAGGTTTCGTCAGTTGTCCATCCTGGTGCATCCTGACAAAAACCAGGACGATGCTG  
ACAGAGCAGAGAAGGCTTTTGAAGCTGTGGACAAAGCTTACAAGTTGCTACTGGATCAGGAACAAAAAGAA  
GAGGGCCCTGGATGTAATTCAGGCAGGAAAAGAATACGTGGAACACACTGTTAAAGAGCGAAAAAACA  
CTGAAGAAGGAAGGAAAGCCTACAAATGTGGAGGAAGATGATCCCGAACTGTTCAAACAGGCAGTCTACA  
AACAGACCATGAAGCTGTTTGTGAGCTGGAGATTAAGGAAAGAGAGAGAAGCCAAAGAAATGCATGA  
GAGGAAGCGACAGAGAGAAGAGGAGATCGAAGCCAGGAAAAAGCCAAGCGAGAAAGAGAGTGGCAGAAA  
AACTTTGAGGAAAGTCGGGATGGTTCGAGTGGACAGTTGGCGAAATTTCCAGGCAAATACAAAGGGGAAGA  
AGGAGAAGAAGAATCGGACCTTCTGCGCCACCGAAAGTCAAGATGGAGCAGCGGGAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC066222
Insert Size:	762 bp



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<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>	<a href="#">BC066222</a> , <a href="#">AAH66222</a>
<b>RefSeq Size:</b>	1389 bp
<b>RefSeq ORF:</b>	761 bp
<b>Locus ID:</b>	68598
<b>Cytogenetics:</b>	4 D2.3
<b>Gene Summary:</b>	Suppresses polyglutamine (polyQ) aggregation of ATXN3 in neuronal cells.[UniProtKB/Swiss-Prot Function]