

## Product datasheet for **MC218798**

### **Dnajc1 (NM\_001190817) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnajc1 (NM_001190817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc1
Synonyms:	4733401K02Rik; AA960110; D230036H06Rik; Dnajl1; ERdj1; ERj1p; MTJ1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC218798 representing NM\_001190817  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGGTTCCCGGCTTCGGATCCGCGCGACTTCCCCAGCGCCGGCGCTCCGGGTTGGAGTCATCCTCGG  
 TCGCGCCGCTGTGGCTGCTGCTGTTCTGCTGGCAGCCGTGCGGCCAGTGCGCGCCTGGGAGAGCGG  
 AGACCTGGAGTTGTTGACTTGGTGAAGAGGTGCAGTTGAACCTTCTACGAGTTCCTCGGGTGCAGCAG  
 GATGCTTCATCTGCAGACATCAGAAAAGCATATCGTAAGCTTTCCTAACCTTACATCCAGACAAGAATA  
 AAGATGAAAATGCAGAACTCAATTTAGACAATTGGTGGCATTATGAAGTTTTAAAGGATGATGAAAAG  
 AAGGCAGAGGTATGATGATGTTCTGATCAATGGACTTCCAGATTGGCGACAGCCTGTATTCTACTACAGG  
 CGAGTGAGAAAAATGAGCAATGCTGAGCTGGCTTTGCTCTTGTTCATTATTCTCACAGTGGGTCACTATG  
 CTGTGGTTTTGGTCCATCTACCTGAAAAAGCAACTGGATGAACTGCTTGGTAGAAAAAGAGAAAAGGAA  
 GAAGAAGACAGGAAGCAAGAGTGTGGACGACGAAAACCTTGGTGTCTGAAAAGAACGAAAAGATTGCTT  
 ATAAAACCACAATGGCATGATTTGCTTCCATGCAAACCTGGGGATTGGTTTTGCCTTACACTAAAAGCAT  
 TGCCCTCATCTAATCCAGGATGCTGGGCAGTTTTATGCAAAATATAAGGAGACAAAATTGAAGGAAAAAGA  
 AGACGCACTGGCTAGAATTGAAATTGAAACCTTCAAAAACAGAAAGAAAGTTAAAGTTAAAAACAAAA  
 CCAGAATTTCTGTGTATATGCCTTTAGAAAATACGTATATTCAGTCTTATGATCATGGAACCTTCTATTG  
 AAGAAATTGAGGAGCAATGGATGACTGGCTGGAAAACAGGAAAAGAACAGAAAAGACAGGCACCTGA  
 ATGGACAGAAGAGGACCTCAGTCAACTGACAAGAAGTATGGTTAAGTCCCAGGAGGACTCCAGGTCGA  
 TGGGACAAGATTGCCCATGAATTGGGTCGATCTGTGACAGATGTGACAACCAAGCCAAGGAACTGAAGG  
 ACTCAGTCACCAGCTCCCCGGAATGACCAGGCTCTCTGAACCTTAAGTCAAATGGTCAGAATTCAGGCC  
 AATCAAGATAGCCACAGCCTTGCCAGATGACATCATCACGACGCGGGAGGACTCAGCAGGGGCCATGGAG  
 GATGAGGAGCACGAGGCTGCTGAGGGTGAAGAGGAGTCAAGCAGCCACAGAAAGCCGACCTCGGAGGCGGA  
 AGTCAGCCAGGGCGGCTGAGGCTGTAACAGAGTGGAGCCAGAGGAGAAGCTGAGAGGAAAAGAGGCAAAA  
 AGACTTTGATATATCAGAAACAAACGATTCAGTACGAAAGAGAAAACAGAAAAGAAAAGAACTCGTGCT  
 GCAGAGGAGGCGTGGACTCAGAGTCAGCAGAACTTCTGGAATTGGCATTACAGCAATACCTAAAGGAG  
 CTTCTGACCGCTGGGACAAAATAGCCAAATGTGTCCCGTCTAAGAGTAAGGAAGACTGCATTGCTAGATA  
 CAAGCTGCTGTTGAACGGTCCAAAAGAAAAGCAGGCTAAAAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001190817

**Insert Size:** 1659 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:** [NM\\_001190817.1](#), [NP\\_001177746.1](#)

**RefSeq Size:** 5106 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 13418

**UniProt ID:** [Q61712](#)

**Cytogenetics:** 2 A3

**Gene Summary:** May modulate protein synthesis.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.