

Product datasheet for **MC218797**

Dnajc1 (NM_007869) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc1 (NM_007869) 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



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Fully Sequenced ORF: >MC218797 representing NM_007869
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGGTTCCCGGCTTCGGATCCGCGCGACTTCCCCAGCGCCGGCGCTCCGGGTTGGAGTCATCCTCGG
 TCGCGCCGCTGTGGCTGCTGCTGTTCTGCTGGCAGCCGTGCGGCCAGTGCGCGCCTGGGAGAGCGG
 AGACCTGGAGTTGTTGACTTGGTGAAGAGGTGCACTTGAACCTTCTACGAGTTCCTCGGGTGCAGCAG
 GATGCTTCATCTGCAGACATCAGAAAAGCATATCGTAAGCTTTCCTAACCTTACATCCAGACAAGAATA
 AAGATGAAAATGCAGAACTCAATTTAGACAATTGGTGGCATTATGAAGTTTTAAAGGATGATGAAAAG
 AAGGCAGAGGTATGATGATGTTCTGATCAATGGACTTCCAGATTGGCGACAGCCTGTATTCTACTACAGG
 CGAGTGAGAAAAATGAGCAATGCTGAGCTGGCTTTGCTCTTGTTCATTATTCTCACAGTGGGTCACTATG
 CTGTGGTTTTGGTCCATCTACCTGAAAAGCAACTGGATGAACTGCTTGGTAGAAAAAGAGAAAAGGAA
 GAAGAAGACAGGAAGCAAGAGTGTGGACGACGAAAACCTTGGTGTCTGAAAAGAACGAAAAGATTGCTT
 ATAAAACCACAATGGCATGATTTGCTTCCATGCAAACCTGGGGATTGGTTTTGCCTTACACTAAAAGCAT
 TGCCCTCATCTAATCCAGGATGCTGGGCAGTTTTATGCAAAATATAAGGAGACAAAATTGAAGGAAAAAGA
 AGACGCACTGGCTAGAATTGAAATTGAAACCTTCAAAAACAGAAAGGTTAAAGTTAAAAACAAAA
 CCAGAATTTCTGTGTATATGCCTTTAGAAAATACGTATATTCAGTCTTATGATCATGGAACCTTCTATTG
 AAGAAATTGAGGAGCAATGGATGACTGGCTGGAAAACAGGAAAAGAACAGAAAAGACAGGCACCTGA
 ATGGACAGAAGAGGACCTCAGTCAACTGACAAGAAGTATGGTTAAGTCCCAGGAGGACTCCAGGTCGA
 TGGGACAAGATTGCCCATGAATTGGGTCGATCTGTGACAGATGTGACAACCAAGCCAAGGAACTGAAGG
 ACTCAGTCACCAGCTCCCCGGAATGACCAGGCTCTCTGAACTTAAGTCAAATGGTCAGAATCCAGGCC
 AATCAAGATAGCCACAGCCTTGCCAGATGACATCACGACGCGGGAGGACTCAGCAGGGGCCATGGAG
 GATGAGGAGCACGAGGCTGCTGAGGGTGAAGAGGAGTCAAGCAGCCACAGAAAGCCGACCTCGGAGGCGGA
 AGTCAGCCAGGCGGCTGAGGCTGTAACCAGAGTGGAGCCAGAGGAGAAGCTGAGAGGAAAAGAGGCAAAA
 AGACTTTGATATATCAGAAACAAACGATTCAGTACGAAAGAGAAAACGAAAAGAAAAGAACTCGTGCT
 GCAGAGGAGGCGTGGACTCAGAGTCAGCAGAACTTCTGGAATTGGCATTACAGCAATACCTAAAGGAG
 CTTCTGACCGCTGGGACAAAATAGCCAAATGTGTCCCGTCTAAGAGTAAGGAAGACTGCATTGCTAGATA
 CAAGCTGCTGTTGAACTGGTCCAAAAGAAAAGCAGGCTAAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_007869

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_007869.3](#), [NP_031895.1](#)

RefSeq Size: 5497 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 (1) represents the longer transcript. Both variants 1 and 2 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.