

Product datasheet for **MC219014**

Dnajc11 (NM_172704) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc11 (NM_172704) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc11
Synonyms:	E030019A03Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219014 representing NM_172704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACGGCCTTGAGCGAGGAGGAGCTGGACAATGAAGACTATTACTCACTGTGAACGTGCGCAGGG
 AGGCCTCTTCTGAAGAGCTGAAGGCTGCCTACCGGAGGCTGTGTATGCTTTACCATCCGGACAAGCACAG
 GGACCCAGAGCTCAAATCCCAGGCGGAGCGGCTGTTAACCTTGTGCACCAGGCTTATGAAGTGCTTAGT
 GATCCCCAAACAAGAGCTATCTATGATATATACGGGAAGAGAGGCCTGGAGATGGAAGGATGGGAGGTGG
 TGGAAAGAAAGAGAACCCAGCCGAGATCAGAGAGGAGTTTGGAGAGACTCCAGAGAGAGCGCAAGAGAG
 GAGACTACAACAGCGAACGAACCCCAAGGAACCATCAGCGTTGGAGTAGATGCGACTGACCTTTTTGAT
 CGTTATGATGAGGAATATGAAGATGTGTCCGGAAGTGGCTTCCCGCAGATTGAGATTAATAAAATGCACA
 TATCCAGTCCATTGAGGCGCCCTTGACAGCCACAGACACAGCCATCCTCTCTGGAAGTCTCTCCACCCA
 GAATGGCAACGGCGCGGCTCCGTTAACTTTGCACTCCGACGTGTACCTCTGCAAGGGATGGGGAGAG
 TTGGAGTTTGGAGCTGGAGACCTCCAGGGGCCTTATTTGGTCTCAAGCTGTTCCGTAATCTCACCCCAA
 GATGCTTTGTGACGACAAACTGTGCTCTGCAGTTTTTCATCCCGTGGGATCCGGCCTGGCCTGACCACTGT
 GCTAGCTCGGAACCTGGACAAGAACACTGTGGGTACCTGCAGTGGCGCTGGGGTATCCAGTCAGCCATG
 AACACCAGCATCGTCCGGGACACTAAGACCTGCCACTTACGGTGGCCTTGCAGCTGGGCATCCCTCACT
 CCTTTGCACTCATCAGTTATCAGACAAGTCCAGGACGACGACCAGACTCGAGTGAAAGGGTCCCTCAA
 GGCAGGCTTCTTTGGGACCATAGTGGAGTATGGAGCTGAGAGGAAGATTTCCCGACACAGCGTCTTGGGT
 GCGGCTGTGAGCATTGGCGTCCCTCAGGGTGTCTCTCAAAGTCAAGCTGAACAGGGCCAGTCAGACCT
 ACTTCTTCCCATCCACCTGACGGATCAGCTGCTCCCCAGCGCTGTGTTCTACGCCACCGTGGGGCCGCT
 GGTCTGCTACTTGGCAGTGCACAGGCTGATCATCAGACCGTACCTCAGGGCTCAGAAAGAGAAGGAACTG
 GAAAAGCAGAGAGAGAACACAGCCAGCGACATCCTGCAGAAGAAGCAAGGGCAGAGGCCCTGTTCCGGC
 TAATGCAGGAATCTGTCCGAAGAATAATTGAAGCAGAGGAGTACGAATGGGGCTTATCATCGTGAATGC
 CTGGTATGGGAAATTTGTCAATGACAAGAGCAGGAAGAACGAGAAGGTGAAGGTGATTGACGTGACAGTG
 CCCCTGCAGTGCCTGGTGAAGGACTCCAAGTCTCCTCACAGAGGCTCCAAGGCAGGGCTGCCGGGGT
 TCTATGATCCATGTGTGGGGAGGAGAAGAGCCTGCGAGTGTGTACCAGTTCAGAGGTGTCTCCACCA
 GGTATGGTGCCTGACAGTGAGGCCCTGAGGATACCAAAGCAGTCTCACAGAATCGACACAGACGGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172704

Insert Size: 1680 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_172704.3](#), [NP_766292.2](#)

RefSeq Size: 2944 bp

RefSeq ORF: 1680 bp

Locus ID: 230935

UniProt ID: [Q5U458](#)

Cytogenetics: 4 E2

Gene Summary: Required for mitochondrial inner membrane organization. Seems to function through its association with the MICOS complex and the mitochondrial outer membrane sorting assembly machinery (SAM) complex.[UniProtKB/Swiss-Prot Function]