

Product datasheet for **MC207565**

Dnajc15 (NM_025384) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajc15 (NM_025384) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dnajc15
Synonyms: 1110003P16Rik; Dnajd1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207565 representing NM_025384
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTACCGGTGGCGCGTGACCTCCAGAGAGGGGCTGCGCTACGCCGAATACCTGCCTCCTTCTGCC
AAAGGTCGGACGCCGACATCGACCACACAGCGGGGAGAAGGTTGCTAGCTGTAGGACTAGGTGTTGCAGC
TGTTGCATTTGCAGGTCGCTATGCATTTTCAGATCTGAAAACCTCTAGAACAAGTAATCACGGCAACAGCA
AGGAAGATTTCTCTCCAAGCTTTTCATCCTACTATAAAGGAGGATTCGAGCAGAAAATGAGTAAGCGAG
AGGCTAGTCTTATTTTAGGTGTAAGCCCATCTGCTGGCAAGGCCAAGATTAGAACAGCACACAAGAGAAT
TATGATTTTAAACCATCCAGACAAAGGTGGATCTCCTTACTTAGCATCCAAAATAAATGAAGCAAAAGAT
TTGCTCGAAGCATCCAGCAAAGCTAACTGA****

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025384

Insert Size: 450 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_025384.3</u> , <u>NP_079660.1</u>
RefSeq Size:	671 bp
RefSeq ORF:	450 bp
Locus ID:	66148
UniProt ID:	<u>Q78YY6</u>
Cytogenetics:	14 D3
Gene Summary:	Acts as an import component of the TIM23 translocase complex. Stimulates the ATPase activity of HSPA9 (By similarity). Negative regulator of the mitochondrial respiratory chain. Prevents mitochondrial hyperpolarization state and restricts mitochondrial generation of ATP. [UniProtKB/Swiss-Prot Function]