

## Product datasheet for MC211799

### Ndufaf6 (NM\_001085493) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ndufaf6 (NM\_001085493) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ndufaf6  
**Synonyms:** 2310030N02Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211799 representing NM\_001085493  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGACCTCCATGCTGGGTTCTGTCCGCGGCCAAGGCCATTCGGTTGGCTAACCTGTTCCATCGCC  
AGCCGCCTCGGGATGCGTGGGAACGTGTGCGGGCCTGCCGGGGCCCTCGGCGTCCGGCGCAGCGTGCC  
GGCGGCCAGCGGCCAGGCATCCCGGTTCCACCTCTACTGCCTGGAGCTGCTGAGGAAACGAGATTAT  
GAAAGCTACTTGTGTTCCCTACTGTTCCCTGCAGAGTGTCAAAGGTCTGCTTCTGCACTGCGGGCCTTCA  
ATGTGGAAGTGGCTCAGGTTAAGGACTCAGTCTCTGAGAAAAAATTGGACTGATGCGCATGCGATTCTG  
GAAAAAGCTGTGGAAGATATGTAAGTGTGACAACCCACACAGCCGGTGGCCATTGAACTCTGGAAG  
GCTGTCAAGAAACATAACCTAACTAAAAGTGGCTCATGAGAATCATTGATGAAAGAGAAAAAATCTGG  
ATGACAAAGCGTACCGCAGTATGCAGGAACCTTAAAAATTATGCTGAGAATACGCAGGGTTCCTGCTCTA  
CCTGACACTGGAGGTGCTGGCGTGAAGGATCTCATGCAGATCATGCTGCAAGCCACATTGAAAGGCA  
CAAGGCATTGTCACGTGCTTGCAGCAACACCCATCACAGTGCAGGAGACAGGTGTTCCCTGCCATGG  
ATGCTGTGTGCAGCATGGTGTTCACAAGAGGACTTTCTACGGAGGAACCAAGATAAAAAATGTGAGAGA  
TGTAATATGACATTGCCAGCCAGGCCACTTGACCTAAAGCATGCGAGGTCCTTCCACAGAAGCGTC  
CCTGCGGAAGCGTTTCCTGCTTTTCTTACAGCGTTCCTAGAGGACTACTTAAAGAAAAATCCAGCGAG  
TAGACTTTGATATATCCATCCGCTTTTACAGCAGAAGAATGTTACTTCCATTATCTTTGATATTTCA  
ATCATGGAGAAAAAGATACTAA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001085493



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<b>Insert Size:</b>	1002 bp
<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>	<u><a href="#">NM_001085493.2</a></u> , <u><a href="#">NP_001078962.1</a></u>
<b>RefSeq Size:</b>	1083 bp
<b>RefSeq ORF:</b>	1002 bp
<b>Locus ID:</b>	76947
<b>UniProt ID:</b>	<u><a href="#">A2AIL4</a></u>
<b>Cytogenetics:</b>	4 A1
<b>Gene Summary:</b>	Involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I) at early stages. May play a role in the biogenesis of MT-ND1 (By similarity). [UniProtKB/Swiss-Prot Function]