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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC211799 representing NM_001085493
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACCTCCATGCTGGGTTCTGTCCGCGGCCCAAGGCCATTCGGTTTGGCTAACCTGTTCCATCGCC
AGCCGCCTCGGGATGCGTGGGAACGTGTGCGGCGCCTGCCGGGGCCCTCGGCGGTCCGGCGCAGCGTGGC
GGCGGCCAGCGGGCCAGGCATCCCCGGTTCCCACCTCTACTGCCTGGAGCTGCTGAGGAAACGAGATTAT
GAAAGCTACTTGTGTTCCTTACTGTTCCCTGCAGAGTGTCAAAGGTCTGCTTCTGCACTGCGGGCCTTCA
ATGTGGAACTGGCTCAGGTTAAGGACTCAGTCTCTGAGAAAACAATTGGACTGATGCGCATGCAGTTCTG
GAAAAAAGCTGTGGAAGATATGTACTGTGACAACCCACCACACCAGCCGGTGGCCATTGAACTCTGGAAG
GCTGTCAAGAAACATAACCTAACTAAAAGGTGGCTCATGAGAATCATTGATGAAAGAGAAAAAAATCTGG
ATGACAAAGCGTACCGCAGTATGCAGGAACTTGAAAATTATGCTGAGAATACGCAGGGTTCCCTGCTCTA
CCTGACACTGGAGGTGCTGGGCGTGAAGGATCTTCATGCAGATCATGCTGCAAGCCACATTGGAAAGGCA
CAAGGCATTGTCACGTGCTTGAGAGCAACACCCTATCACAGTAGCAGGAGACAGGTGTTCCTGCCCATGG
ATGTCTGTGTGCAGCATGGTGTTTCACAAGAGGACTTTCTACGGAGGAACCAAGATAAAAATGTGAGAGA
TGTAGTATATGACATTGCCAGCCAGGCCCACTTGCACCTAAAGCATGCGAGGTCCTTCCACAGAAGCGTC
CCTGCGGAAGCGTTTCCTGCTTTTCTTCAGACGGTTTCTCTAGAGGACTACTTAAAGAAAATCCAGCGAG
TAGACTTTGATATATTCCATCCGTCTTTACAGCAGAAGAACATGTTACTTCCATTATCTTTGTATATTCA
ATCATGGAGAAAAAGATACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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ACCN:	NM_001085493
Insert Size:	1002 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_001085493.2, NP_001078962.1
RefSeq Size:	1083 bp
RefSeq ORF:	1002 bp
Locus ID:	76947
UniProt ID:	A2AIL4
Cytogenetics:	4 A1
Gene Summary:	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]

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