

Product datasheet for **MC203797**

Ndufv3 (NM_030087) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufv3 (NM_030087) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ndufv3
Synonyms: 1500032D16Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013640
 GTGTGCACAAGTAGGTCACGTACCTAAGTGCACCTCCGCTCTTGGCATTGTGCCATGGCGGTCTCTCT
 CCTCCTGCGGGGAGGACGGATCCGGGCGCTGAAGGCTGTGCTCCTGGAGGCAAGGGTGTTCCTGGGAGAA
 CTGGTTTCTGTAGTGAGGCTGTCTACAGAGTCAGAGAAGAGTGCAAAGGAGAAAGAGCTACATCCCAAGA
 CACAAAGTGTGCTCAAAGATGTGGGAGCAGAGGAGAGGGGCAAGCTCCTAACCGGCACACAGCAGCGGC
 ACTGTCCAAAACTCACCTCCACCCAGTCTTACCCATCAGTGGAGAACACAGGTGGGGTGTGGCAGGC
 CCGCACCTGGCGGCAGCCTGCTGCCACAGATGAAGGGCTTCCGAAGCATTGTCAAGAAAGACTTTGG
 TAGCGTTTCTCAGAAAGTTATGCCTCCACCCCAAGCACGGGGTCTGACTCAAAGGCTCAGGGGCACGT
 GCAGAAAGTGACAAACGATTCATCTTCTTCTCCTCATCCAGCTCCTCAGATTGACTCTGATGGGGAG
 GAACATGACTCAGACCGTGTCTCCCCCGAGTGGCAAGCAAAGGCAAGGCAGGGTCTTCAAACCGGAGG
 CCTCCCGGCCCTTGACGACTGGAGCCCCAAAATCACAGTTTCTGCAAAAGAGAAGGCCAAGGTCCAAAA
 GCCACCCACAGATGTACCTACCAGAGAAGACCTGCAGCCTAAGAAGAAATGGACCAAGCCTGTAGAA
 GACAGCAAAGAAGCCAGGTCCAAGCCCGTGACATCCAGGCCACAGTCCAGTGAGATGTTGGAGCAAACG
 TGAAGGAAGAACAACACCGGGGAAACCGAGACCAGACAAGACAGGAAAGGAAAGCGCAAAGCCATGTGA
 AGCTGAAGTAATCTTACCAGCCACGGGAAAGTCAGAGTACCCACACAGCCCACTAGTGGGCCAGTGCCC
 ACAACGCAAAACAAGAGGCCAGTGCAGAACATCCGCCAGCCGTTGCCCCAGGAAGGGAGCTAGATATC
 CGGAACCAAAAAGTGCCAGAGCCCGGATGGAAGACCTCTTCTCCCTGGTCAGAAAAGAAAGCGCAGAGAA
 GCAGGTGCCAGAAGGAGGCTCCCAGTCCAGGAGTCTTGAAGATCAGAAACCAGTGAGCTATTCGAAG
 ACACTTCTGTTTCAGGAGAAAGATACTGTTGAAGAGAGTCCCGGACCACATCTGGAGGGGAGGTTCCAGG
 TGGCAGTCGAAGCCCGCCCACTGATGCAGTCCTACCCAGGAAGCCCGCCGACACACAGGAGCCCGA
 GCCGACTGACACCACCACCTACAAGAACCTGCAGCACCATGACTACAACACATACACCTTCTGGACCTG
 AACCTGGACCTCTCCAAATTCAGGCTGCCACAGCCGTTCTCAGGACGAGAGTCACCTCGGCACTGAGCTC
 AGCTCAGGGTAGACCCCGATGTTGGTCCCATGAATCCTTGCCTGTGAGAATAAAAGGCAGAGTCACAAA
 AA

Restriction Sites: RsrII-NotI



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ACCN:	NM_030087
Insert Size:	1410 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:	<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:	BC013640 , AAH13640
RefSeq Size:	1587 bp
RefSeq ORF:	1410 bp
Locus ID:	78330
Cytogenetics:	17 B1
Gene Summary:	<p>Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. May be the terminally assembled subunit of Complex I. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>