

Product datasheet for MC206319

Ndufs2 (BC016097) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufs2 (BC016097) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ndufs2
Synonyms: MGC27667
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016097
 GCCCGGTAAAGATGGCGGCCCTGAGGGCGCTGCGCTGCCCTCCGTGGGGTTCGGAGCCCCGGTCTGCGGCC
 CGGGTCTGGGATCCGCTTGCCGAGTCAGCCAGCAGAGGGCGCTCGGCAGTGGCAGCCAGATATTGAATGG
 GCAGAGCAGTTTTCCGGAGCTGTATGTACCCCTCCAAGGAAACAGCCACTGGAAACCTCCTCCTTGGA
 ATGATGTGGACATTTTGAAGGAAAAAGCGGTGACCAACATGACCTGAACTTTGGGCCCCAGCACCCAGC
 AGCCACGGAGTCTGAGACTCGTGTGGAAGTGTGAGAGATGGTGCAGAAATGTGACCCTCACATC
 GGGCTCTGCACCGAGGCACGGAGAAGCTCATTGAGTACAAGACCTATCTGCAGGCCCTCCATACTTTG
 ACCGGTTGGACTATGTGCCATGATGTGAATGAACAGGCCTATTCGATAGCTGTGGAGAAGTTGCTAAA
 CATCCAACCTCCTCCCCGGGCACAGTGGATCCGAGTGCTTTTGGAGAGATCACACGGATTTTAAACCAT
 ATCATGGCTGTCACCACACATGCCCTGGACATCGGTGCCATGACTCCTTTCTTGGATGTTTGAAGAAA
 GAGAGAAGATGTTTCGAGTTCTATGAGCGGGTGTCTGGGGCCGGATGCACGCGGCGTATATCCGACCTGG
 AGGAGTGCACCAGGACCTACCTTTGGGCTTCTGGATGACATTTATGAGTTTTCCAAGAACTTCTCTCTT
 CGGATTGATGAGGTGGAGGAGATGCTGACCAACAATAGAATCTGGCGAAATAGGACAGTCGATATTGGGG
 TTGTAACAGCGGAAGACGCACTTAACTATGGATTGAGTGGGGTGTGCTCCGAGGCTCAGGCATCCAGTG
 GGACTTGGCGGAAGACCCAGCCCTATGATGTTTACGACCAGGTGGAGTTTGTGTTCTATTGGTTCTCGA
 GGGGACTGCTACGACAGGTACCTGTGTCGTGTGGAGGAGATGCGCCAGTCCCTGCGAATCATTGAGCAGT
 GTCTGAACAAGATGCCTCCCGGGGAGATCAAAGTTGATGACGCCAAAGTGTCCCAACCGAAGCGAGCAGA
 GATGAAGACGTCATGGAGTCACTAATTCATCACTTTAAGCTGTATACAGAGGGCTACCAAGTTCCTCCA
 GGAGCCACATATACTGCCATTGAAGCTCCTAAGGGAGAGTTTGGGGTATACTTGGTATCCGATGGCAGCA
 GCCGCCCTTATCGGTGTAAGATCAAGGCTCCCGGTTTTGCCACCTGGCTGGTTTGGACAAGATGTCTAA
 GGGACACATGTTGGCAGATGTCGTGGCCATCATAGGTACCCAGGATATTGTGTTCCGAGAAAATAGACCGA
 TGAGCGAAAGCACCCCTCGAGCTGCCTTGCTGTGCTGCTCCTTCGAGGCCTGTGTCTGGTGGGAG
 ACAAGGCTGTGTCTCTGTGTGTGTAACAAACGTGCACGTGCTCGCACTTAGCTGCGCAGGCTTTCTG
 TGCATGAACTAGAAAAGGAGACATTATATTAATTAGCCACCTTTTGGCCCTAAGCTCAAAAAAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	BC016097
Insert Size:	1392 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:	BC016097 , AAH16097
RefSeq Size:	1620 bp
RefSeq ORF:	1392 bp
Locus ID:	226646
Cytogenetics:	1 H3
Gene Summary:	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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.[UniProtKB/Swiss-Prot Function]