

Product datasheet for **MC200429**

Ndufa10 (NM_024197) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufa10 (NM_024197) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ndufa10
Synonyms:	2900053E13Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003439 sequence for NM_024197
 GCCGGCGCAGACGGCGAAGTCATGGCCTTGAGGTTGCTGAGACTCGTCCCGGCGTCGGCTCCCAGCGCGCG
 GCCTCGCGGCGGAGCCCCAGCGCGTGGGACGAATTCATACCAAGTGTGCACTGCAAGCTGAGGTATGGGCT
 TTTGGCCGCCATTCTTGGTGATAAGACAACCAAAAAGCTGCATGAGTACAGCCGAGTGATAACAGTAGAT
 GGAACATATGCTCTGGGAAAAACAAGCTCGCAAAGGAGATCGCACAGCAACTAGGCATGAAGCACTACC
 CAGAAGCAGGGATACAGTACTCAAGCACCACCACAGGCGATGGAAGGCCCTCGACATAGAGTTTAGTGG
 CAGCTGTAGTTTAGAGAAATTTATGATGATCCCAAGAGCAACGATGGCAACAGTACCAGCTGCAGTCC
 TGGCTGTATGCCAGCCGCTTCTTCAGTATGCAGATGCCCTGGAGCACCTGCTGAGCACAGGACAAGGTG
 TGGTCTTGGAGCGCTCCATCTACAGTGACTTTGTCTTCTGGAGGCAATGTACAACCAGGGCTATATCCG
 AAAGCAGTGTGTGGACACTATAATGAAATTAAGCGGCTCACTCTCCCGGAGTACCTGCCACCACACGCA
 GTCATCTATATCGATGTGCCCGTCCCGGAGGTACAGAGCAGGATCCAGAAGAAAGGAGATCCACATGAAA
 TGAAGGTACCTCTGCCTATCTCCAGGACATCGAGAATGCGTACAAGAAAACCTTCTCCCAAAAATGAG
 TGAAATGTGTGAGGTGTTGGTGTACGATTCTGGGAAGCTGAAGACCCAACCAAGGTGGTAGAGGACATT
 GAATACCTTAAGTACAACAAAGGGCCTTGGCTGAAACAGGACGACTGGACCTTTCACTACCTGCGGATGC
 TGGTTCAGGATAAGACAGAAAGTGTGAATTACACGACATTCCGGTCTACCTCCCAGAAATCACTATTGG
 AGCTCATCAGGGTAGCCGGATCTACAACAGCTTCAGAGAGCTGCCAGGCCGAAGTATGCCCTGGGTAC
 AATGCCAGGTGGGTGACAAGTGGATCTGGCTGAAGTGAAGGGTCCCCTCCGCCAGCCGTGCATAGCC
 ATGGAGATGCCTGCTCTGCCAACTCTGTGAACCTCCAGAGCTTCCAAGACAACAGGAAAAAAGCAAT
 GATCAAGAAATTGCCAGAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_024197
Insert Size:	1068 bp



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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:	BC003439 , AAH03439
RefSeq Size:	1222 bp
RefSeq ORF:	1068 bp
Locus ID:	67273
UniProt ID:	Q99LC3
Cytogenetics:	1 D
Gene Summary:	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.[UniProtKB/Swiss-Prot Function]