

Product datasheet for **MC205756**

Ndufaf1 (NM_027175) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufaf1 (NM_027175) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ndufaf1
Synonyms:	2410001M24Rik; CGI-65; CIA30
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018422
 CGAATGTGGGTCTGAGAAGGTGGAATTGGGCTTATTGTTGAAGCTTGTTCCTCAGCCCGGCAAATTT
 TTACATTTTAATACTTTTTTCTTACGATGGCAATGTCTTCCATTACAAAATTACTGACTGGCATTACAT
 TCATAAAAATTTTCTGAGGCCAAGGGCTGCATTACCTCCATTTGTGGTAATCACTGTGTAGACTATTCT
 TCCAGTAGTCTTCAGAAAAAGTGACTTCTGTTGACAGAGCCTCCAGCAGGAAAAGACTGAAGAGGGCT
 TACAAGGACATGACCACAAAGAAGTTGGATGCACCTTCTCCTGACAGGACACCTGAAGTTAGTTT
 TGATAAAGCAATTAGAGATGAAGCAATAGAACATTTTAGACGTTTGAAGGATGAAATTGGGCTCATTTG
 AGAGGCCAGACGGCCGCCACTACAAGAGGTCAATGGAACAAGCCAGGGTTGTCTGGCAGTTTCGTG
 AAAAAGAAGATTTGGATAAGTGGATAGTGACTTCTGATAAGACAATTGGAGGTAGAAGTAAATATTCTT
 GAAAATGAGCAAGAACAACCGAAGTGCCCTGCTTTATGGAACCTGAGCTCTGAGCCTCCTCAGGATGGG
 GACAGTAGACAAAAGTGGATACTGTGCCATGATCTCCAGGATCCACGGGGTGCTTTTGAGAGGAAGCTGT
 CTTATGATTGGTCCCAGTTCAATACTCTGTATCTCCGAGTTCGTGGAGATGGACGGCCTTGATGGTGAA
 TATCAGGCAAGACACGGAGTTTATCCAGAGAAAAATCAGATGTACAGTTACTTCATGTTCAACCCGTGGG
 GGACCCTACTGGCAGGAAGTCAAGATTCCTTTCTCCAAATTTTTCTTTCAAATCAAGGAAGGGTACGAG
 ATGTCCAAGGCCCACTCGTATTGGACAAGATCTTCTATAGGATCACTCTGTCTGATAAGGTGGATGG
 ACCATTCTTCTGGAAATAGATTTCAATGGTGTGTTTACTGATCCAGCCCATACAGAAGAATTTGCTTAT
 GAGAATTTCTCCGTTCTTAACCAAGACTCTTCAGATAGAGAAGTGGGACGTGAGTAGAGTAGTGGTCA
 CAAAGCAGACAGAGCCTTTCTGTCTACCGACCCCTCTCGTAGTACTTACTTAAGACGGTAAGTACAGCA
 TGGCCTCTCAGTGAAGTTCTTCTGAGTGCTTACATAAAGATGAATCAAAGGAAGTGTACTGAAAACAAA
 AATAAAGCCTTTCTGCCTACCACCTAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_027175
Insert Size:	987 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:	BC018422 , AAH18422
RefSeq Size:	1300 bp
RefSeq ORF:	987 bp
Locus ID:	69702
UniProt ID:	Q9CWX2
Cytogenetics:	2 E5
Gene Summary:	Chaperone protein involved in early stages of the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.