

## Product datasheet for **MC204981**

### **Ndufab1 (NM\_028177) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufab1 (NM_028177) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ndufab1
Synonyms:	8kDa; 2210401F17Rik; 2310039H15Rik; 2610003B19Rik; 9130423F15Rik; ACP; CI-SDAP; SDAP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060951 ATCCTGGGTTGGCGTAGCCATGGCGTCTCGTGTCTCTGCGCCTGTGTCCGCCCTGCCCGCGGCCTTC GCGCCGTGCCCGGCTTCCCACGTTGGCCTTGGCGCGGCGCTCAGCACCACCCTATGCCCTGAGGGAA TCCGGAGGAGACCCGGGCTCTGCAGTCCGCCTTGGCGCTCGCGCAGGTGCCTGGAACAGTCACACATTT GTGCCCGCAGTACAGTGACGCACCCCACTGACGTTAGACGGAATCAAGGACCGAGTTCTGTATGTCTTG AAACTCTATGATAAGATTGATCCAGAAAAGCTCTCCGTAATTCTCATTTTATGAAGACCTGGGCTTAG ACAGTTTGGACCAAGTGGAAATTATTATGGCCATGGAAGACGAATTTGGGTTTGAATTCCTGATATAGA TGCAGAGAAGTTAATGTGTCCACAAGAAATTGTAGATTACATTGCAGATAAGAAGGATGTGTATGAATAA AGTATCAGAGCCTTCTCCTCACTGTGAGGACTCCAGAGGACACACGATGGCATCGTGGCCGACTGACAG CGGCTCTGTTCAACTTGATTTAAATTGTCTGAGTGTTTACCCGTTAAAAATAAATCTATTACAAAACA AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Sfil-Sfil
ACCN:	NM_028177
Insert Size:	471 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).



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**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:** [BC060951](#), [AAH60951](#)

**RefSeq Size:** 659 bp

**RefSeq ORF:** 471 bp

**Locus ID:** 70316

**UniProt ID:** [Q9CR21](#)

**Cytogenetics:** 7 F2

**Gene Summary:** Carrier of the growing fatty acid chain in fatty acid biosynthesis (By similarity). Accessory and non-catalytic subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 all 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.