

Product datasheet for **MC212875**

Ndufb6 (NM_001033305) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufb6 (NM_001033305) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ndufb6
Synonyms: CI-B17; Gm137
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212875 representing NM_001033305
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCAGGGTACACGCCGGATGAGAAGCTGCGGCTGCAGCAGCTGCGGGAGCTAAGGAGACGATGGCTGA
AGGACCAGGAGCTGAGTCCCCGGGAGCCCGTGTGCCCGCGCAGGATGTGCCCTGGAGCGATTCTG
GGATAACTTTTTGCGGGACGGGCGGTGTGGAAGAACATGGTCTTTAAGGCGTACCGCTCCAGTCTCTTC
GCTGTTTCTCATGTGCTTATACCTATGTGGTTTGTTCACTATTATGTCAAATATCATATGGCTACTAAAC
CATACACCATTGTTAGCTCGAAGCCCAGGATATTTCCAGGTGATACAATTCTGGAGACTGGAGAAGTAAT
TCCACCAATGAGAGATTTTCTGATCAACATCATTGA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033305
Insert Size: 387 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:

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: [NM_001033305.3](#), [NP_001028477.1](#)

RefSeq Size: 682 bp

RefSeq ORF: 387 bp

Locus ID: 230075

UniProt ID: [Q3UIU2](#)

Cytogenetics: 4 A5

Gene Summary: This gene encodes a subunit of complex I (NADH:ubiquinone oxidoreductase) of the mitochondrial respiratory chain. This complex functions in electron transport and generation of a proton gradient across the inner mitochondrial membrane to drive ATP synthesis. Data from human cell lines suggests that the encoded subunit may be required for electron transfer activity. [provided by RefSeq, Aug 2015]