

## Product datasheet for MR200352

### Ndufb3 (NM\_025597) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ndufb3 (NM\_025597) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ndufb3  
**Synonyms:** 2700033I16Rik; CI-B12  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR200352 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCTGGACATGGACATGAACATGGACATGAACATGGACATGGCCATGGTAAAATGGAACCTCCAG  
 ATTACAGACAGTGGAAAATTGAAGGGACGCCATTAGAAACGGTGCAGAAGAAGCTTGCTGCCCGAGGGCT  
 GAGGGATCCATGGGCTCGCAATGAGGCTTGGAGATACATGGGCGGCTTTCAGGCAACATCACCTCCCC  
 AGTGTAATATTAAGGATTCAAATGGGGTTTGTGCGTTTGTGGTAGCTTTGGGGCTGAATATTTCC  
 TGGATTCCAGAATGGTATAAGAAGCATCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR200352 protein sequence  
 Red=Cloning site Green=Tags(s)  
 MAAGHGHEHGHEHGHGKMEKLPDYRQWKIEGTPLETVQKLAARGLRDPWARNEAWRYMGGFAGNITFP  
 SVILKGFKWGFAAFVVALGAEYFLDSQNGDKKHH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-Mlul



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Locus ID: 66495

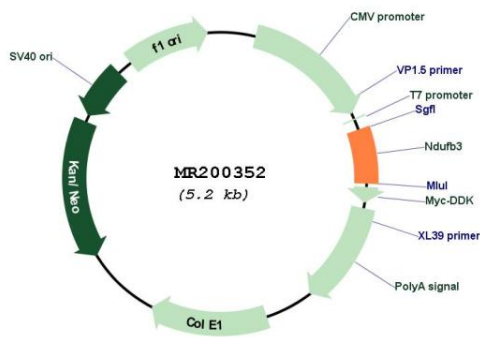
UniProt ID: [Q9CQZ6](#)

Cytogenetics: 1 C1.3

MW: 11.7 kDa

**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]

**Product images:**



Circular map for MR200352