

## Product datasheet for MR201589

### Ndufb9 (NM\_023172) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ndufb9 (NM\_023172) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ndufb9  
**Synonyms:** 1190008J14Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201589 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGTTCTGCGCTCCCCGGCCTACCTGACCCACCAGCAGAAGGTGCTGCGGTGTATAAGCGCGCGC  
TGCGCCACCTCGAGTCATGGTGTATCCACAGGGACAAGTACCGGTACTTTGCTTGCTTGATGAGAGCCCG  
GTTTGAAGAACATAAGAATGAGAAGGATATGATGAGGGCTACCCAGCTGCTGAGGGAGGCAGAAGAAGAA  
TTCTGGCAGAATCAGCATCCTCAGCCGTATATCTCCAGACTCTCCGGGGGCCTTCCTTCGAGAGAT  
ATGAGTGTACAAGGTTCCAGAATGGTGTAGATTACTGGCATCCCTCTGAGAAAGCAATGTATCCTGA  
TTACTTTTCCAAGAGAGAGCAGTGGAAGAAGCTGAGGATGGAGAGCTGGGATCGGGAGGTTAAGCAGCTG  
CAGGAGGAAACATCACCTGATGGTATTATGACTGAAGCTTTGCCTCCTGCCAGAAGGGAAGGTGACTTGC  
CCCCACTGTGGTGGCATATTGTGACCAGACCTCGGGAACGGCCACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201589 protein sequence  
Red=Cloning site Green=Tags(s)  
MAFCAPPAYLTHQQKVLRLYKRALRHLESWC IHRDKYRYFACLMRARFEEHKNEKDMMRATQLLREAE  
EEFWQNQHPQPYIFPDSPPGTSFERYECYKVP EWCLDYWHPSEKAMYPDYFSKREQWKKLRMESWDRE  
VKQLQEETSPDGIMTEALPPARREGDLPLWWHIVTRPRERPT

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

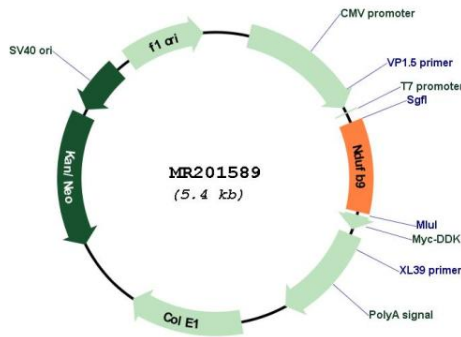




**MW:** 22 kDa

**Gene Summary:** Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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 MR201589