

## Product datasheet for **RN204770**

### **Ndufv1 (NM\_001006972) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ndufv1 (NM_001006972) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ndufv1
Synonyms:	MGC94599
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204770 representing NM\_001006972  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTAGCAGCACGGCATTCTCGGCGGGTTCGGTCCCGTGCGGGTATCTGTGCGTCTCAGCAGCGGCA  
CGACAGCACCCAAGAAAACCTCATTGGCTCGCTGAAGGATGAAGACCGGATCTTACCAACCTGTATGG  
GCGCCATGACTGGAGGCTGAAGGGTCCAGAGCGGGGTGATTGGTACAAGACAAGGAGATCCTGCTG  
AAGGGGCTGACTGGATCTGGGTGAAATGAAGACATCGGGTTACGGGGCCGTGGTGGTCTGGCTTCC  
CCACTGGCCTCAAATGGAGCTTTATGAATAAGCCCTCGGATGGCAGGCCCAAGTACCTGGTGGTGAATGC  
TGACGAGGGTGAAGCCGACCTGAAGGACCGAGAGATCATGCGCCATGACCCTCACAAGCTGGTGGAA  
GGCTGCCTGGTGGGAGGCCGGCCATGGGGCCCGGGCTGCCTATATCTACATCCGAGGGGAATTCTACA  
ATGAGGCCCTCAAATTTGCAGGTAGCTATCCGAGAGCCCTATGAAGCAGGTCTGATTGGCAAAAATGCCTG  
TGACTCTGATTATGATTTTGTGTTTGGTGCCTGGGGCTGGGGCTACATCTGTGGAGAAGAGACT  
GGCTTATTGAGTCCATTGAAGGCAAGCAGGAAAGCCACGCCTGAAGCCGCCCTTCCAGCAGATGTGG  
GAGTATTTGGATGCCCCACAACCTGTGGCAATGTGGAGACGGTGGCTGTGTCCCCACCATCTGCCGTCCG  
TGGCGGCACCTGGTTTGGCTGGCTTTGGCCGAGAACGCAACTCAGGTACCAAACCTGTTCAACATCTCTGGC  
CATGTCAACCACCCTGCACTGTGGAGGAAGAGATGTCTGTGCCACTCAAAGAAGTATTGAGAAACATG  
CTGGTGGTGTCTTAGGTGGCTGGGACAACCTCCTTGTGTGATTCTGGTGGTCCACTCCACTCCACTGAT  
CCCCAAATCTGTGTGTGAGACAGTGTGATGGACTTTGATGCCCTGGTGCAGGCTCAGACGGGCTGGGC  
ACAGCTGCGGTTATTGTTATGAACAGCTCGACAGACATTGTGAAAGCCATCGCTCGTCTCATTGAGTTCT  
ACAAGCATGAGAGCTGTGGCCAGTGCACCCGTCGCCGGGAGGGGCTTATTGGATGAACAAGGTGATGGC  
CCGATTTGTGAAGGGGGATGCCCGCCAGCTGAGATCGACTCCCTGTGGGAGATCAGCAAGCAGATAGAA  
GGCCACACCATTTGTGCTCTGGGTGATGGGGCCGCTGGCCAGTACAGGGTCTGATCCGACATTTCCGGC  
CCGAGCTTGAGGATCGGATGCAACGATTTGCCAGCAGCACAGGCCAGGCCAGGCGGCTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001006972

**Insert Size:** 1395 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\\_001006972.1](#), [NP\\_001006973.1](#)  
RefSeq Size: 1506 bp  
RefSeq ORF: 1395 bp  
Locus ID: 293655  
Cytogenetics: 1q43