

Product datasheet for **MC212504**

Ndufaf8 (NM_001110242) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufaf8 (NM_001110242) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ndufaf8
Synonyms: 1810043H04Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212504 representing NM_001110242
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGTGAACGGAGCGGTGTGGGGCGTGTGCGGAGCCGTTCCGAGCCTTCCCCGAGCATCTGGCGG
CCTGTGGAGCTGAGGCCCTCGGCTTATGGCAAGTGCCTGCAGGCGTCCACCGCCCCAGGAGCCGCTGAG
TAAGGACCTCTGCGTTCGCGAGTTCGAGGCCCTGCGGAGCTGCTTCGCCCGCGCGCCAAGAAGACCATG
ATGGGAGGCTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001110242

Insert Size: 225 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: [NM_001110242.1](#), [NP_001103712.1](#)

RefSeq Size: 494 bp

RefSeq ORF: 225 bp

Locus ID: 208501

UniProt ID: [A2AMZ4](#)

Cytogenetics: 11 E2

Gene Summary: Involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1). Required to stabilize NDUFAF5.[UniProtKB/Swiss-Prot Function]