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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212504 representing NM_001110242 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTGTGAACGGAGCGGTGTGGGGGCGTGTGCGGAGCCGTTTCCGAGCCTTCCCCGAGCATCTGGCGG CCTGTGGAGCTGAGGCCTCGGCTTATGGCAAGTGCGTGCAGGCGTCCACCGCCCCAGGAGGCCGCCTGAG TAAGGACCTCTGCGTTCGCGAGTTCGAGGCCCTGCGGAGCTGCTTCGCCGCCGCGGCCAAGAAGACCATG ATGGGAGGCTCCTAG ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-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]

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