

Product datasheet for RN210476

Ndufs5 (NM_001030052) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufs5 (NM_001030052) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ndufs5
Synonyms:	Ndufs5b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210476 representing NM_001030052 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTTTCCTTGATGTGCAGAAAAGGCTGGGCATTAGCCTAGATCGACACTTTATATTCTAAGTGCTG
AGCAGCCTTACAAGAATGCCGCTCGATGCCACGCATTTGAAAAGGAGTGGATAGAATGCCACATGGGAT
CGGTGCTACCCGGGCTAAAAAGAGTGCAAGATAGAGTATGAAGACTTTGAAGAATGCTTCTTCGGTTC
AAAACGATAAGGCGGATGCATGAAATCAAGAAACAGCGGGAGAAGCTGATGAAAGAGGGGAAGTACACCC
CTCCGCCTCACCATTTGGCAAGGAGAGCCAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001030052
Insert Size:	321 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_001030052.1](#), [NP_001025223.1](#)

RefSeq Size: 538 bp

RefSeq ORF: 321 bp

Locus ID: 362588

Cytogenetics: 5q36