

Product datasheet for **RR206518**

Ndufb10 (NM_001109443) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ndufb10 (NM_001109443) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ndufb10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206518 representing NM_001109443
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGACTCTTGGACAAGGATGTGTACCCGGAGCCCCGCGCCGACGCCTGCTCCCTCGCCGAGA
CCTCGATCCCTAACCCCATCACCTACTTGACGAAGGCCACGACCTCGTCGTGGACTGGCCCGTGACCT
CGTGAGAGATTTCATTGAACAACAGCAGCCCAAGAACCTACTACTACCACCGACAGTACCGTCGA
GTGCCAGACATCACGGAATGCAAAGAGGGTGATGTCATCTGTATCTATGAGGCTGAGATGCAGTGGAGAA
GGGACTTCAAAGTGGACCAAGAAATCATCAACATCATCCAGGAGAGACTTAAGGCTTGTACGAGAGGGA
AGGAGAGAGTGCCTGCAGAACTGTGCCAAGGAATTGGAGCAATTCACCCAAGTGTCTAAAGCCTACCAG
GACCGCTACCAGGACCTGGGAGCCTACTATTCTGCCAGGAAGTGCCTGGCAAAGCAGAAGCAGAGGATGC
TGAAGAGAGAAAGGCTGCCAAGGAGACTGCTGCCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206518 representing NM_001109443
Red=Cloning site Green=Tags(s)

MPDSWDKDVYEPPTAPSPQTSIPNPITYLTKAYDLVVDWPVTLVREFIEQQHAKNRTYYYHRQYRR
VPDITECKEGDVICIEAEMQWRRDFKVDQEIIINIIQERLKACQQREGESALQNCAKELEQFTQVSKAYQ
DRYQDLGAYYSARKKLAQKQRMLEERKAETAAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_001109443.1, NP_001102913.1</u>
RefSeq Size:	683 bp
RefSeq ORF:	531 bp
Locus ID:	681418
Cytogenetics:	10q12
MW:	20.9 kDa