

Product datasheet for **RN200315**

Ndufv3 (NM_022607) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufv3 (NM_022607) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ndufv3
Synonyms:	Mipp65; Ndufv3l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200315 representing NM_022607
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTCTCTCTCTCTGCTGCGGGGAGGACGAATCCGGGCGCTGAAGGCTGCCCTTCTCGAGGCAAAGG
 TGTTCCGAGGAGAACTGGCTTCTACAGTGGCCCTGTCTACAGAGTCCGAGAATAATAAAAAGGCGGCAGG
 ACCAACTAGCAAGACGGAAGTGTGTTCAAAGATGTGGTGGGAGCAGAGGAGAGGGCCAAGCTCCTAGAC
 ACTCACACAGCAGCGGCACTGTCCAAAAGCTCCCTCCACCCAGTTCTTACCCATCAGTGGAGAACACAG
 GTGGGGCTGTGCGAGGCCTGCCGCTCACAGACTTGTCAAGAAAGACTTTGGTAGCGTTTCTCAGAAAAGT
 TACGCCTCACCCGCATGCCTGGGCTTCTGACTCGGAGGCTCGGCGGCATGTCCAGAAAAGTACGAAAAGT
 TCATCTTCATCTTCTCATCCAGCTCCTCAGATTCAGACTCTGATGGGGAGGAACATGGCTCCGACATTG
 GTCCCGAGTGGCAAGCAAAAAGCAAGGCAGGGTTTTCAAACCTGAGGCTTCTCGTCCCTCGAAGAACGG
 AGCCCTAAGATCACAGTTTTTGCAAAAGAGAAGGCCAAGGTGCAGAAGCCACACACAGATGTCACCTAC
 CCAGAGAAGCCCTGCAGCCTAAGAAGAAAGGGACTTTCACCAAGCCTGTAGAAGATAGTAAAGAAACCA
 GGTCCAAGCTCATGACATCCAAGCCACAGTCCAGTGAGGTTTTGGAGCAAAAAATGAAGGAAAAACAGCA
 CCAGGGAAAACGGAGACCAGACAAGACAGGAAAGGAAAGCACAGAGCTGTTTGAAGCTGAAGGAATTTTA
 CCCGGCCACAGAAAAGCCAGAGTTTCCACACAGCCACAACCGGAACACAAGAGGCCAGCGCAGAAGTCC
 GGCCAGCCGCTGCCCCGAGTCCGGAGCTAGACAGGAAGCCAAAGGGCCAGAGCTCGAATGGAAGACCGC
 TTCTCCCTGGTCAGAAAAGAAAGCCTGGAGAAGCAGGTGCCAGAAGGGAGCTCCAGGCCGAGGAGGAG
 ACCTCAGGAGATCAGACACTAGGGAGATATTCGAAGACAGTTCCTGTTGAGGAGAAAAATACCTTTGGAG
 AGAGAGCTGGACCACAACCTGGAGGGGACGTTCCAGGCGCCAGCCGCGAAGCCCGCCACTGATGCAGG
 CCCACCCAGGAAGCCCGAGGCGACACACAGGAGCCACACTGGTTCCCGAGTCGAGTGACACCACCACC
 TACAAGAACCTGCAGCATCATGAGTACAACGCATTACCTTCTAGACCTGAACCTGGACCTCTCCAAGT
 TCAGGCTGCCACAGCCGCTTTCGGGACGAGAGTCGCCCGGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022607

Insert Size: 1377 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_022607.2](#), [NP_072129.2](#)
RefSeq Size: 1536 bp
RefSeq ORF: 1377 bp
Locus ID: 64539
Cytogenetics: 20p12
Gene Summary: heat stable phosphoprotein localized to the mitochondrion; may undergo arachidonic acid dependent phosphorylation by PKN [RGD, Feb 2006]