

Product datasheet for **RN202107**

Ndufaf4 (NM_198783) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufaf4 (NM_198783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ndufaf4
Synonyms:	Hrpap20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202107 representing NM_198783 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGCTCGCATGACCCGCGCCTTCAGGAACCTCAACGTGGAGAAGCGAGCGGAGCAGGAGATCAGCA
 AGAGGAAGCCCTCCATGGCACCCAAGCACCTTCCACCCGAGTCTCCTGCAGGAGCACCTGAGTCAGTA
 TCCAGAAATCGAGGAAGAAGTTTCTAGAAAAGATAACAAGCTGCTGTCTTACTAAGAGATGTATATGTC
 AATTCCAAAGATCCGGTGCCTTCTTCCGGTAAAAGCCATTGAACACAGCAACAACCAAAGGAGTTCA
 GATTGCCAATAGGAGATCAATTTGACAAGAATATCAAGGACATCCCAAAGGCAAGATCACTGTTGTAGA
 AGCACTGACCCTTCTCAATAACCATAAACTCTCTCCAGAGACATGGACTGCTGAGAAAATCGCCCAGGAA
 TACCATTTAGAACTGGAGGATGTAAATCCCTTCTCAAATATTTTCGTTACTTTTGAAGTCAAATCGTTC
 CTCCTGAAGACAGGAAAGCAATACAATCAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_198783
Insert Size:	525 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).


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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:	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_198783.1, NP_942078.1</u>
RefSeq Size:	2065 bp
RefSeq ORF:	525 bp
Locus ID:	362495
UniProt ID:	<u>Q9NQ8</u>
Cytogenetics:	5q21
Gene Summary:	plays a role in positive regulation of cell proliferation and cell survival [RGD, Feb 2006]