

# Product datasheet for RC200061

### NDUFA8 (NM\_014222) Human Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

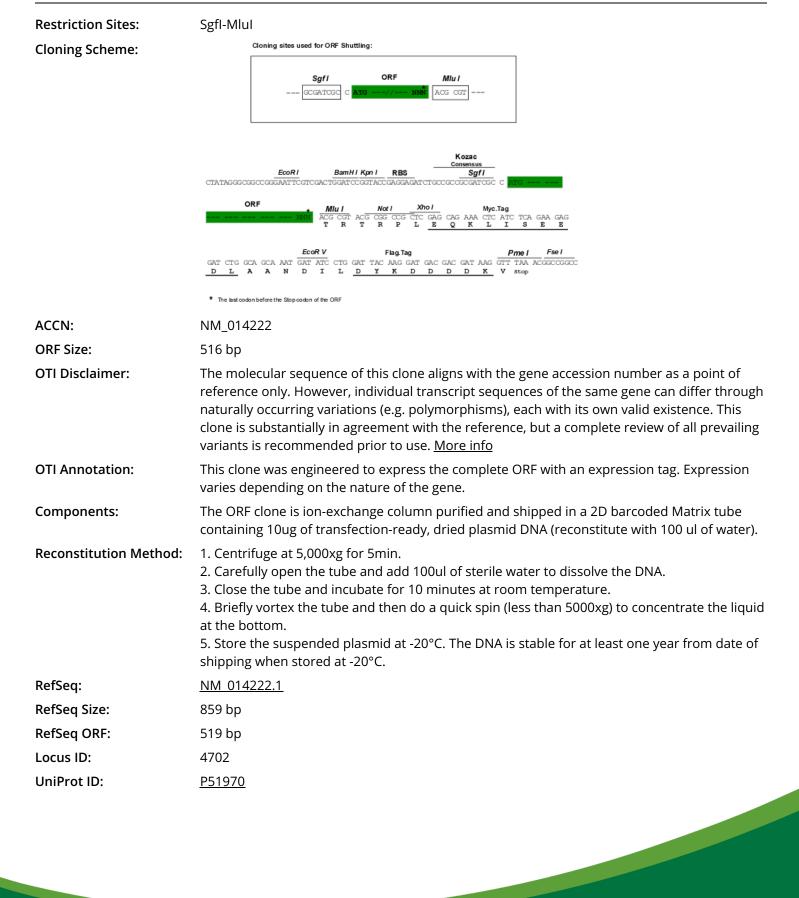
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids	
Product Name:	NDUFA8 (NM_014222) Human Tagged ORF Clone	
Tag:	Myc-DDK	
Symbol:	NDUFA8	
Synonyms:	CI-19KD; CI-PGIV; MC1DN37; PGIV	
Mammalian Cell Selection:	Neomycin	
Vector:	pCMV6-Entry (PS100001)	
E. coli Selection:	Kanamycin (25 ug/mL)	
ORF Nucleotide Sequence:	<pre>&gt;RC200061 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)</pre>	
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C	
	ATGCCGGGGATAGTGGAGCTGCCCACTCTAGAGGAGCTGAAAGTAGATGAGGTGAAAATTAGTTCTGCTG TGCTTAAAGCTGCGGCCCATCACTATGGAGCTCAATGTGATAAGCCCAACAAGGAATTTATGCTCTGCCG CTGGGAAGAGAAAGATCCGAGGCGGTGTTTAGAGGAAGGCAAACTGGTCAACAAGTGTGCTTTGGACTTC TTTAGGCAGATAAAACGTCACTGTGCAGAGCCTTTTACAGAATATTGGACTTGCATTGATTATACTGGCC AGCAGTTATTTCGTCACTGTCGCAAACAGCAGGCAAAGTTTGACGAGTGTGTGCTGGACAAACTGGGCTG GGTGCGGCCTGACCTGGGAGAACTGTCAAAGGTCACCAAAGTGAAAACAGATCGACCTTTACCGGAGAAT CCCTATCACTCAAGACCAAGACCGGATCCCAGCCCTGAGATCGAGGGAGATCTGCAGCCTGCCACACATG GCAGCCGCTTTTATTTCGGACCAAG	
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>	
Protein Sequence:	<pre>&gt;RC200061 protein sequence Red=Cloning site Green=Tags(s)</pre>	
	MPGIVELPTLEELKVDEVKISSAVLKAAAHHYGAQCDKPNKEFMLCRWEEKDPRRCLEEGKLVNKCALDF FRQIKRHCAEPFTEYWTCIDYTGQQLFRHCRKQQAKFDECVLDKLGWVRPDLGELSKVTKVKTDRPLPEN PYHSRPRPDPSPEIEGDLQPATHGSRFYFWTK	
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV	
Chromatograms:	https://cdn.origene.com/chromatograms/mk6399_h11.zip	



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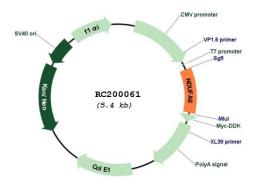
### Sourigene NDUFA8 (NM\_014222) Human Tagged ORF Clone – RC200061



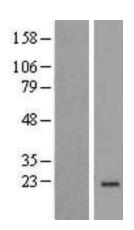
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	IDUFA8 (NM_014222) Human Tagged ORF Clone – RC200061
Cytogenetics:	9q33.2
<b>Protein Pathways:</b> Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation Parkinson's disease	
MW:	20.1 kDa
Gene Summary:	The protein encoded by this gene belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

## **Product images:**



Circular map for RC200061



Western blot validation of overexpression lysate (Cat# [LY415437]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200061 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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116 -	-
66 -	-
45 -	-
35 -	-
25 -	-1
18 -	-
14 -	_

Coomassie blue staining of purified NDUFA8 protein (Cat# [TP300061]). The protein was produced from HEK293T cells transfected with NDUFA8 cDNA clone (Cat# RC200061) using MegaTran 2.0 (Cat# [TT210002]).

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