

Product datasheet for **SC210166**

NDUFAF7 (NM_144736) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	NDUFAF7
Synonyms:	C2orf56; MidA; PRO1853
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_144736
Insert Size:	840 bp
Insert Sequence:	>SC210166 3'UTR clone of NM_144736 The sequence shown below is from the reference sequence of NM_144736. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GCTGGGTTTAGTGAACCTGCTTGGCAGTATTTTACGCTTGGACATTTTACCCTTCAGTCGCCCCAAG AAATCAAAATAAAGGAAACACATTTTCATATACTGCAGGTAACAAAAGTCAAAGTATTTTATCTTTTCAC AGCAAGAACAGTCCATGTTGTATATAATACAACCAACATTATAGAACTTTTAGGGTTGTGACTGGCTTT GGTGCAAAATGTGTGCTCAAGCTAATAAGTTATTGTGAAACTGAGTTTCCTTTAACTTACAAAGCTAGTT GCCATATTTCTATTTTATTTTAAAAAGTAAACATGCGGCTGGGCGTGGTGGCTCATGCCTGTAATCCCA GCACTTTGGGAGGCTGAGGTGGGCATATCACCTGAGGTCAGCAGTTAAAGACCAGCCTGACCAAAATGG AGAAACCCCATCTCTACTAAAAATACAAAAGTACCGGGTATGGTGGTACATGCCTGTAATCCAGCTA CTCAGGAGGCTGAGACAGGAGAATCACTTGAACCTGGGAGGTGGAGTTGCGGTGAGCTGAGATCGTGC CACTGCACTCCAGCCTGGGCAACAAGAGCAAAATCCCTCTCAAAAAAAAAAGTAAACATGGGCACTGA TTGTTTTAATAAAATGGGAAACAGACTAAATGGCTATTACAGGAAACTGATAAGATATATGTTATTT TTTTAAATGAGCTAGGGCAATATGTTTTGACAGAAAAGTCTCTAAGATTTAGTAAGTAAAAAAGTAG GATGCAAGAGTTTTTATAGTTGATTCCATTTTTGTTGAAGGAGAAAACTAAATAAATACGAGTAATTT CATAGAAACGAA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_144736.5</u>
Summary:	This gene encodes an assembly factor protein which helps in the assembly and stabilization of Complex I, a large multi-subunit enzyme in the mitochondrial respiratory chain. Complex I is involved in several physiological activities in the cell, including metabolite transport and ATP synthesis. The encoded protein is a methyltransferase which methylates Arg85 of a subunit of Complex I in the early stages of its assembly. A pseudogene related to this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]
Locus ID:	55471
MW:	32.2