

Product datasheet for **SC201294**

NDUFS6 (NM_004553) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFS6 (NM_004553) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFS6
Synonyms:	CI-13kA; CI-13kD-A; CI13KDA; MC1DN9
ACCN:	NM_004553
Insert Size:	162 bp
Insert Sequence:	>SC201294 3'UTR clone of NM_004553 The sequence shown below is from the reference sequence of NM_004553. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGCTCCAGTTCAGACAGCACCACCAC TAG AGCGTGTGGCAGCCGGGGTCCCGCAGCATCCTGTGAG CATTTCCGCGGGGAAGCTGAGCACGTGAAGCTCGCTGGTTCTGTGCGAAGGGTATTCTGGTGCTGAAT AAAGGGTGTGCTGTCAAGGCTGA ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	<u>NM_004553.6</u>



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Summary:

This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders. [provided by RefSeq, Oct 2009]

Locus ID: 4726

MW: 5.8