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Product datasheet for SC202685

NDUFA2 (NM_002488) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFA2 (NM_002488) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFA2
Synonyms:	B8; CD14; CIB8; MC1DN13
ACCN:	NM_002488
Insert Size:	332 bp
Insert Sequence:	>SC202685 3'UTR clone of NM_002488 The sequence shown below is from the reference sequence of NM_002488. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGGAGAACGTTCTAAGTGGTAAAGCCTGAAGCCTCCACTGAGGATTAAGAGCAACAGCCCCAGAGCCT GGGCTCTGCTGGACTTAGTATAATGTGAAAAAAATGTGTTCTCCTATTCCTCATAAAGCTTGTGCTGTA AAATACTTTCTCAGGGTGTTCTTGTCCTCATCTACCCTCTACCCCTTACTGTGCAACCACTGAGGCAAA GTAGCTTAATATAAAAATAAAACTTTATTCTGTCTCATCAAAAGCTACCAGCTGCTGAAGCAAACATGA AGGGTGGCGGGGGGGCAGGGATTCTAGGGCCCCAGAGTAAGTAGACCACACTGAGT ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.
RefSeq:	NM_002488.5

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Summary: The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Mutations in this gene are associated with Leigh syndrome, an early-onset progressive neurodegenerative disorder. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

Locus ID: 4695

MW: 12.1