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Product datasheet for SC201020

NDUFB2 (NM_004546) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFB2 (NM_004546) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFB2
Synonyms:	AGGG; CI-AGGG
ACCN:	NM_004546
Insert Size:	140 bp
Insert Sequence:	>SC201020 3'UTR clone of NM_004546 The sequence shown below is from the reference sequence of NM_004546. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTAGGTATCCCTCCTGATGATGAAGACTGAAGGTGTAGACTCAGCCTCACTCTGTACAAGAGCCAGGTG AGAATTTCAAGGATTATCGACTTCATATTGCACATTAAAGTTACAAATTAAAGTGGCTTGGTCAAGAAT GA 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_004546.3

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Summary: The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays a important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Hydropathy analysis revealed that this subunit and 4 other subunits have an overall hydrophilic pattern, even though they are found within the hydrophobic protein (HP) fraction of complex I. [provided by RefSeq, Jul 2008]

Locus ID: 4708

MW: 5.3