

Product datasheet for **SC121128**

NDUF3 (NDUFAF3) (NM_199069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NDUF3 (NDUFAF3) (NM_199069) Human Untagged Clone
Tag:	Tag Free
Symbol:	NDUFAF3
Synonyms:	2P1; C3orf60; E3-3; MC1DN18
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF sequence for NM_199069 edited ATGGCCACCGCTCTCGCGCTACGTAGCTTGTACCGAGCGCGACCCCTCGCTGCGCTGTCCG CCCGTTGAGCTTCCCTGGGCCCGCGGCGAGGGCATCGGCTCTCGCCGGCGGATGACGAG CTGTATCAGCGGACGCGCATCTCTGCTGCAACGCGAGGCCGCTCAGGCAATGTACATC GACAGCTACAACAGCCGCGGCTTCATGATAAACGGAACCGCGTGCTCGGCCCTGCGCT CTGCTCCCGCACTCGGTGGTGCAGTGGAACGTGGGATCCCACCAGGACATCACCGAAGAC AGCTTTTCCCTCTTCTGGTTGCTGGAGCCCCGGATAGAGATCGTGGTGGTGGGACTGGA GACCGGACCGAGAGGCTGCAGTCCCAGGTGCTTCAAGCCATGAGGCAGCGGGCATTGCT GTGGAAGTGCAGGACACGCCAATGCCTGTGCCACCTTCAACTTCTGTGTCATGAAGGC CGAGTAACTGGAGCTGCTCTCATCCCTCCACCAGGAGGGACTTCACTTACATCTTTGGGC CAAGCTGCTCAATGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_199069 unedited AGATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACCAGGGACTAACGGCGC CGGTGACGACTTCGCCCGCGCTTGGTCAGCCATGGCCACCCTCTCGCGCTACGTAGCTT GTACCGAGCGCGACCCTCGCTGCGCTGTCCGCCGTTGAGCTTCCCTGGGCCCCGGCG AGGGCATCGGCTCTCGCCGGCGGATGACGAGCTGTATCAGCGGACGCGCATCTCTGTCT GCAACGCGAGGCGCTCAGGCAATGTACATCGACAGCTACAACAGCCGCGCTTCATGAT AAACGGAACCGCGTCTCGGCCCTGCGCTCTGCTCCCGCACTCGGTGGTGCAGTGAA CGTGGATCCCACAGGACATCACCGAAGACAGCTTTCCCTCTTCTGGTTGCTGGAGCC CCGGATAGAGATCGTGGTGGTGGGACTGGAGACCGGACCGAGAGGCTGCAGTCCAGGT GCTTCAAGCCATGAGGCAGCGGGCATTGCTGTGGAAGTGCAGGACACGCCCAATGCCTG TGCCACCTTCACTTCTGTGTATGAAGCCGAGTAAGTGGAGCTGCTCTCATCCCTCC ACCAGGAGGGACTTCACTTACATCTTTGGGCCAAGCTGCTCAATGAACCGCCAGGAACTG ACCTGCTGACTGCACTCTGCCAGGCTTCCCAATGCTTTCACTTATCTACCCTTTGGCA CTTATCTTGCTTATCAACATAATAATTTATACACTTCTCCATTTTGTATCAGGTGTGT GCTGGCCAGGAGCTGATGGCTCACTGGGCTCTTGAGGGGNAATGTGAGAAACCAGGNA GCACTTTTTATCTAGATACTTAGGATNCCTGACTTTTCAAAGTCGGGAAGCAGTATGTT GCCTGTTGTAGACTACTTGTGCATGCAGATTGAGAGGACCTCACGGGCTTTCTACAAT CGCNTGATGGTTTCCTTTNNTGAGAGGAGACTCGCTGG
Restriction Sites:	NotI-NotI
ACCN:	NM_199069
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
RefSeq:	NM_199069.1 , NP_951032.1
RefSeq Size:	1387 bp
RefSeq ORF:	555 bp
Locus ID:	25915
UniProt ID:	Q9BU61 , Q9Y3Z0
Gene Summary:	This gene encodes a mitochondrial complex I assembly protein that interacts with complex I subunits. Mutations in this gene cause mitochondrial complex I deficiency, a fatal neonatal disorder of the oxidative phosphorylation system. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2009] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).