

Product datasheet for SC101169

MT ND3 (ND3) (NM_173710) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MT ND3 (ND3) (NM_173710) Human Untagged Clone
Tag: Tag Free
Symbol: MT ND3
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene ORF within SC101169 sequence for NM_173710 edited (data generated by NextGen Sequencing)

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ATAAACTCGCCTTAATTTTAATAATCAACACCCTCTAGCCTTACTACTAATAATTATT
ACATTTTGACTACCACAACCTCAACGGCTACATAGAAAAATCCACCCTTACGAGTGCGGC
TTCGACCTATATCCCCGCCCCGCTCCCTTTCTCCATAAAATCTTCTTAGTAGCTATT
ACCTTCTTATTATTTGATCTAGAAATTGCCCTCCTTTACCCCTACCATGAGCCCTACAA
ACAACCTAACCTGCCACTAATAGTTATGTCATCCCTCTTATTAATCATCATCCTAGCCCTA
AGTCTGGCCTATGAGTGACTACAAAAAGGATTAGACTGAACCGAAT
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Clone variation with respect to NM_173710.1
340 g=>a

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_173710 unedited
TTTGTATACGACTCACTATAGGGCGGCCGCGATTTCGGCAGGAGGGTTTTGACAACATTCA
AAAAAGAGTAATAAACTCGCCTTAATTTTAATAATCAACACCCTCTAGCCTTACTACT
AATAATTATTACATTTTGACTACCACAACCTCAACGGCTACATAGAAAAATCCACCCTTA
CGAGTGCGGCTTCGACCTATATCCCCGCCCCGCTCCCTTTCTCCATAAAATCTTCTT
AGTAGCTATTACCTTCTTATTATTTGATCTAGAAATTGCCCTCCTTTTACCCCTACCATG
AGCCCTACAAACAACCTAACCTGCCACTAATAGTTATGTCATCCCTCTTATTAATCATCAT
CCTAGCCCTAAGTCTGGCCTATGAGTGACTACAAAAAGGATTAGACTGAACCGAATAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGACTTAGATTGCGGCCGCGGCAT
AGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCAAGTGCCTCTCCT
GGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGTCTAAAAAATTAAGTTGCATC
ATTTTGTCTGACTAGGTGCTCTTAAATATGGGAGNGGGGGGGGGTNNNNNNNNNC
CNGGGGGCCNNNTNGGAAAAACACACCTGGAAGCCTTGGGGGGTCTTTGGGAAACCA
GCTGGAAGCGCGGGGGCCCAATCTTGGCTTACTGCAATCTCCGCTCCCTGGGGTTCAAG
CGATTCTCCTGCCTAGCTNCCCAGGTTTGGGGGGGAATCCAGGCATGCATGGACCAGCT
CACTATTTTTGTTTTTTGGGAAAAACGGGGTTTACCATATGGCCCGCCGGT
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Restriction Sites:	NotI-NotI
ACCN:	NM_173710
Insert Size:	345 bp
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).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_173710.1</u> , <u>NP_776058.1</u>
RefSeq Size:	346 bp
RefSeq ORF:	345 bp
Locus ID:	4537
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, Oxidative phosphorylation, Parkinson's disease