## Product datasheet for SC101172

### MT ND1 (ND1) (NM_173708) Human Untagged Clone

#### Product data:

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Expression Plasmids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>MT ND1 (ND1) (NM_173708) Human Untagged Clone</td>
</tr>
<tr>
<td>Tag</td>
<td>Tag Free</td>
</tr>
<tr>
<td>Symbol</td>
<td>MTND1</td>
</tr>
<tr>
<td>Vector</td>
<td>pCMV6-XL4</td>
</tr>
<tr>
<td>E. coli Selection</td>
<td>Ampicillin (100 ug/mL)</td>
</tr>
<tr>
<td>Cell Selection</td>
<td>None</td>
</tr>
<tr>
<td>Fully Sequenced ORF</td>
<td>&gt;OriGene ORF within SC101172 sequence for NM_173708 edited (data generated by NextGen Sequencing)</td>
</tr>
</tbody>
</table>

Clone variation with respect to NM_173708.1
5' Read Nucleotide Sequence:
> OriGene 5' read for NM_173708 unedited
ACGAGGTAAAAACTTTACAGTCAAGGTGTCTTCTCTTTAACAACATACC
CATGGCCACCTCCTACTCTCATTGTACCCCCATTCTACGCAATGCACTCTAATGCT
TACCAGACGAAATTTCTAGCTATATACAAACTACGCAAAGGCCCAACGTGGTGAAGCC
CTACGGGCACTACAAACCCTTCGTCGTACGGCCCATATAAACACTCTACAAAGGCT
ACCCGGCCACATCATACCATACCCCTCTCTACCTACCGCCGACCTTTAAGCTGACACC
CTCTCTATAGACCGCCCCCTCCCCATACCCCAACCCCTGATCGCCACTAGCTGAGC
ATCAAACTCAAAGCTACGCCCCCTGCCAGCAGTACGAGCACGACGAGAAAACAAATCTTA
TGAAGTCAAGCCTAGCCTATTTACTTTACTACTAAACAGTGCTGCTTTTACCT
CTCACCCTTTATCACAACAAGACACCTCTGTAGACTCTGCTCATTAGCTGACCCCTTG
GCAAAAGGGCGAACGCTGAGCTGCTGACCTCGAGCAGGAGCAGCAACCCGCAGCGCCGTG
CCCTATTTTAATAGCGGAAATACACAAACATATTATAAAACACCCCTGACCTGACTGA
ATCTGTCTANGAAACACATATGGAGCGACTCTCTCCCTGAATCTACAAACCATATTAT
G

Restriction Sites:
NotI-NotI

ACCN:
NM_173708

Insert Size:
1100 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).

RefSeq:
NM_173708.1, NP_776056.1

RefSeq Size:
959 bp

RefSeq ORF:
957 bp

Locus ID:
4535

Protein Families:
Transmembrane

Protein Pathways:
Metabolic pathways, Oxidative phosphorylation, Parkinson's disease