

## Product datasheet for **SC126826**

### MTND4 (NM\_173711) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MTND4 (NM_173711) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTND4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173711, the custom clone sequence may differ by one or more nucleotides

```
ATGCTAAAACAAATCGTCCCAACAATTATATTACTACCACTGACATGACTTTCCAAAAACACATAATTT
GAATCAACACAACCACCCACAGCCTAATTATTAGCATCATCCCTCTACTATTTTTTAACCAATCAACAA
CAACCTATTTAGCTGTTCCCAACCTTTTCTCCGACCCCTAACAACCCCTCCTAATACTAATACTACC
TGACTCCTACCCCTCACAATCATGGCAAGCCAACGCCACTTATCCAGTGAACCACTATCACGAAAAAAC
TCTACCTCTATACTAATCTCCCTACAAATCTCCTTAATTATAACATTCACAGCCACAGAATAATCAT
ATTTTATATCTTCTCGAAACCACACTTATCCCACTTGGCTATCATCACCCGATGAGGCAACCAGCCA
GAACGCCTGAACGCAGGCACATACTTCTATTCTACCCCTAGTAGGCTCCCTTCCCTACTCATCGCAC
TAATTTACACTCACAAACCCCTAGGCTCACTAAACATTCTACTACTCACTCTCACTGCCCAAGAATACT
AAACTCCTGAGCCAATAACTTAATGACTAGCTTACACAATAGCTTTTATAGTAAAGATACCTCTTTAC
GGACTCCACTTATGACTCCCTAAAGCCCATGTCGAAGCCCCATCGCTGGGTCAATAGTACTTGCCGCGAG
TACTCTTAAAACCTAGGCGGCTATGGTATAATACGCCTCAGCTCATTCTCAACCCCTGACAAAACACAT
AGCCTACCCCTTCTTGTACTATCCCTATGAGGCATAATTATAACAAGCTCCATCTGCCTACGACAAACA
GACCTAAAATCGCTCATTGCATACTCTTCAATCAGCCACATAGCCCTCGTAGTAACAGCCATTCTCATCC
AAACCCCTGAAGCTTACCGGGCAGTCATTCTATAATCGCCACGGGCTTACATCCTCATTACTATT
CTGCCTAGCAAACCTCAAACGCACTCACAGTCGCATCATAATCCTCTCTCAAGGACTTCAAACCT
CTACTCCCACTAATAGCTTTTTGATGACTTCTAGCAAGCCTCGTAACCTCGCCTTACCCCACTATTA
ACCTACTGGGAGAACTCTCTGTGCTAGTAACCAGTTCCTGATCAAATACACTCTCCTACTTACAGG
ACTCAACATACTAGTCACAGCCCTATACTCCCTCTACATTTACCACAACAATGGGGCTCACTCACC
CACCACATTAACAACATAAAACCCTCATTACACAGAGAAAAACCCCTCATGTTTCATACACCTATCCCCCA
TTCTCTCCTATCCCTCAACCCGACATCATTACCGGTTTTCTCTT
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_173711 unedited CAGGAATTTGTAATACGACTCACTATAGGGCGGCCCGGAATCGGCACCAGTTCCTATTC TACACCCTAGTAGGCTCCCTTCCCCTACTCATCGCACTGATTTACACTCACAACCCCTA GGCTCACTAAACATTCTACTACTCACTCTCACTGCCAAGAAGACTCAAACCTCTGAGCC AACAACTTAATATGACTAGCTTACACAATAGCTTTTATAGTAAAGATACCTCTTTACGGA CTCCACTATGACTCCCTAAAGCCCATGTGGAAGCCCCATCGCTGGGTCAATAGTACTT GCCGCAGTACTCTTAAACTAGGCGGCTATGGTATAATACGCTCACACTCATTCTCAAC CCCCTGACAAAACACATAGCCTACCCCTTCCTTGTACTATCCCTATGAGGCATAATTATA ACAAGCTCCATCTGCCTACGACAAACAGACCTAAAATCGCTCATTGCATACTCTTCAATC AGCCACATAGCCCTCGTAGTAACAGCCATTCTCATCAAACCCCTGAAGCTTCACCGGC GCAGTCATTCTCATAATCGCCCACGGACTTACATCCTCATTACTATTCTGCCTAGCAAAC TCAAACACGAACGCACTCACAGTCGCATCATAATCCTCTCTCAAGGACTTCAAACCTG CTCCCACTAATAGCTTTTGTAGTACTTCTAGCAAGCTCGCTAACCTCGCCTTACCCCC ACTATTAACCTACTGNGAGAAGCTCTGTGCTAGTAACCAGTTCTCCTGATCAAATCA CTCTNCTACTTACAGGAGCTCACATACTAGTCACAGCCCTATACTCCCTTACATANTTA CCCACACACAATGGGGCTCACTACCCACCACATTNAACACATANNNACCCTCATCACAC GAGAAAACACCCTCATGTNCATACACCCTATCCCATTCTNCTCCTAATCCTCAACCCCN GAATCATTACCGGNGTTTCTCTTAAAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_173711
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_173711.1</a> , <a href="#">NP_776059.1</a>
<b>RefSeq Size:</b>	1668 bp
<b>RefSeq ORF:</b>	1668 bp
<b>Locus ID:</b>	4538
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Metabolic pathways, Oxidative phosphorylation, Parkinson's disease