

Product datasheet for **SC126467**

COX7B2 (NM_130902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COX7B2 (NM_130902) Human Untagged Clone
Tag:	Tag Free
Symbol:	COX7B2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_130902 edited</p> <pre>CCACGCGTCCGCGAAAGGTTCCGAATTTGCCTCTGCGCCGTCTTTTTTGCCTGTTACC TGTGACGTCCTTGAAGCAGAATCTGAACTTTCTGAGGAGAGCATTGAGCTTCAGATT TCTAACAGCCTCTTGAACAAAATAGACCAGTAGCTGAAGGCAACTGCAATCCTTCATG ATGTTTCCCTTGCCAGAAATGCACTAAGCAGTCTCAAGATTCAAAGCATTCTGCAAAGC ATGGCAAGACATAGCCATGTAACAACTCACCAGATTTTCATGATAAATATGGTAATGCT GTGCTAGCCAGTGAAGTCTTTCTGTGTTGCTACATGGGTGTTTACAGCCACTCAGATT GGAATAGAATGGAACCTATCCCTGTTGGCAGAGTTACCCAAAAGAGTGGAAACATCAG TAACCATCACAGTTGCTGTAATGACAGAATTGTTAAAAAACCACTTGTGATGAAGCA CTCTACTGCTTATAAAAATATAGCACAATTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAA</pre>
5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_130902 unedited</p> <pre>TCGCTACGCTGGNANAGCCATCCACGCTGTTTTGACCTCCTAGAAGAACCAGGACCGAT CCAGCCTCCGACTCTAGCCTAGGCCGCGGACGGATAACAATTCACACAGGAAACAGC TATGACCATTAGCCTATTTAGGTGACACTATAGAACAAGTTGTACAAAAAGCAGGCT GGTACCGGTCCGGAATCCCGGGATATCGTCGACCCACGCGTCCGCGGAAAGGTTCCGAA TTTGCCCTGCGCCGTCTTTTTTGCCTGTTACCTGTGACGTCCTTGAAGCAGAATCTG AACTTTCTGAGGAGAGCATTGAGCTTCAAGATTCTAACAGCCTCTTGAACAAAATA GACCAGTAGCTGAAGGCAACTGCAATCCTTCATGATGTTCCCTTGCCAGAAATGCACT AAGCAGTCTCAAGATTCAAAGCATTCTGCANAGCATGGCAAGACATAGCCATGTAACA CTCACCAGATTTTCATGATAAATATGGTAATGCTGTGCTAGCCAGTGAAGTCTTTCTG TGTTGCTACATGGGTGTTTACAGCCACTCAGATTGGAATAGAATGGAACCTATCCCTGT TGGCAGAGTTACCCAAAAGAGTGGAAACATCAGTAACCATCACAGTTGCTGTAATGAC AGAATTGTTAAAAAACCACTTGTGATGAAGCACTCTACTGCTTATAAAAATATACCC CTTTGGNNAAAAAAAAAANNNAAAAAAAAAANNAAAAAAAAAANNAANAAAGCCGCGCCT TTTAAATATCCCTTGAGGGGCCCCAAGTTTACCGGTCCCAAGTTTTTTTTGCCAAAAGGG GGGCCCTATATGGGGCCGATATAAACCTAGGCCCTGGCGGTCTGTTTAAACACTCCTG GCTGGAAGAACTGTTTCCCTGGGATTTTGGTGAAGAACCCTATCTTTGGGGG</pre>



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Restriction Sites:	NotI-NotI
ACCN:	NM_130902
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:	NM_130902.1 , NP_570972.1
RefSeq Size:	499 bp
RefSeq ORF:	243 bp
Locus ID:	170712
UniProt ID:	Q8TF08
Cytogenetics:	4p12
Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
Gene Summary:	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.[UniProtKB/Swiss-Prot Function]