

Product datasheet for MC200049

Cox6a1 (NM_007748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cox6a1 (NM_007748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cox6a1
Synonyms:	VlaL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003807 sequence for NM_007748 GTTCCATGATGGCGTCGGCGGTGCTGTACGCTCTCGGGTCTCTCGGCCGCTGGGCCGGGCCCTCCCCGG GTTGAGCGGCCCATGTCGAGTGGCGCCACGGCGAGGAGGGTTCAGCTCGGATGTGGAAGCCCTCACC TACTTCGTGGCGCTGCCCGGGTGGGAGTGAGCATGCTCAACGTGTTCTCAAGTCGCGGCACGAAGAGC ACGAGAGACCCCGTTCGTTGCCTACCCTCACCTGCGCATCAGGACCAAGCCCTCCCTGGGGAGACGG TAACCATACCCTCTCCACAACCCTCATGTGAACCCACTCCGACCGGCTATGAAGATGAGTAAAGAGAA CCTGGCCTCCCCAGGCAACAAAGGGACCACAGCACTGGTTTTGGACCCTTACTCTGTGTGGACCACGAA AACCCTTGGATGCTAAGCTCGTGTCTCCTTTCTCAGATGGCGACCATTACTCTGATCTCCATCCCTT CTGCTTGAAGAGGAGATGGCTTAAATAAATAACTTAACTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_007748
Insert Size:	339 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).



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Reconstitution Method:

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: [BC003807](#), [AAH03807](#)

RefSeq Size: 622 bp

RefSeq ORF: 339 bp

Locus ID: 12861

UniProt ID: [P43024](#)

Cytogenetics: 5 56.06 cM

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]