

Product datasheet for MC215732

Oxa1l (NM_026936) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxa1l (NM_026936) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oxa1l
Synonyms:	1810020M02Rik; A1894287
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215732 representing NM_026936 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGAGGAATTTAGTGTGCGGTGCTGGCAGCTTCTGCGACTCCTACGACCCAGCGTTCGTACCATA
GCGTCGCAGTGTCCCTGAGACCGCTGGCCGCCGAGCTCCTCGCAGCCCGCGGGTAACGGGCGGCCACC
CTGTGCTCTTCTGCCGCTTCACTCCTCGCTGCATCAGTACATCTGCCACCCTTTTGAGAAGCCAG
GTCCAGGCACCCCTGTTATTCCTGCTACTCTATCCCTGCTGCAGTACCAGAGGTAGCTTCTGGAGGAG
CTGCAGATGTAGTCCAGTGTGCTACCGAACCGAGCTTCACAGAAGTGGGCTTGGTTCTTACACCCCGGT
GGGTCTCATCCAGAACCTCTTGGAAATATACATGTGCGACTGGGCTGCCGTGGTGGGGAGCCATTGCC
ACGTGTAAGTGTCCCTGCCCCGATGCCTCGTTTTTCTCTCATTGTGAAGGGCCAGCGAGAAGCAGCCAAGA
TCCACAACCACATGCCAGAGATGCAGAAGTTTTCCGCTCGAATCAGAGAGGCCAAGTTGGCCGGAGACCA
GGCTGAGTTTTACAAGGCCACCATAGAGATGACACGCTATCAGAAAAAGCATGATATTAAGTCTTGAGA
CCGCTCATCTACCTCTCACTCAGGCCCCCGTTCATCTCCTTTTATTGCCTTGAGAGAGATGGCCA
ACCTGCCTGTGCCAGCCTCCAGACAGGTGGCTCTGGTGGTTCCAAGATCTACCGTGTCTGATCCCAT
CTACGTCTTGCCACTGGTAGTCACTGCCACAATGTGGTGTGCTCCTTGAGCTAGGTGCTGAGACAGGTGT
CAGAGCAATGACCTTCAGTTCATGAGGAACATTATCAGGGTGTGCCCTGGTGGTCTTGCTGTGACCA
TCCACTTCCCCTCGGCAGTGTTCATGTAAGTGGTGTGCTCCTCAACGTGTTCTCCCTGTGCCAAGTAGCCTG
CCTCCGGATTCCAGTGTGCGCACAGTGTGAAGATCCCCCAGCGAGTGTACATGACCTGACAAATTG
CCTCCTAGGGAAGGCTTCTTGAAGAGCTTCAAAAAAGGCTGGAAGAACGCTGAAATTGCACAGCAGCTCC
GAGAGCGGGAGCAGCGAATGCAGAAACACTTGGACCTGGTGGCAGGGTCCCTTACGACAGACTTTTAC
GCACAACCCTCTGCTGCAGCATGATCCAAGTACCCCCGAAAGCTCCCAACAGCAACAACAGCAGCATC
AAAGCAAACGCAAAGAAGCCTTGCAAGACACACTCGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_026936
Insert Size:	1302 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_026936.3</u> , <u>NP_081212.1</u>
RefSeq Size:	2534 bp
RefSeq ORF:	1302 bp
Locus ID:	69089
UniProt ID:	<u>Q8BGA9</u>
Cytogenetics:	14 C2
Gene Summary:	Required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase. Required for the correct biogenesis of ATP synthase and complex I in mitochondria (By similarity). [UniProtKB/Swiss-Prot Function]