

## Product datasheet for **MC212024**

### 4833439L19Rik (NM\_133797) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 4833439L19Rik (NM\_133797) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 4833439L19Rik  
**Synonyms:** 4930558H15Rik; C81457; Kiaa1191; P33monox  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212024 representing NM\_133797  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGCTCAAGACAACCAGAAGTGCCTGCTCTTGCTCCCAGCGGGCCTCTAGGCAAGATGTCCTGCCCA  
TCGGGATGTGCCGTCGGGCATTAGCTATGATGATGCCCTAGAGGACCCTGCGCCATGACTCCTCTCC  
ATCGGACATGGGCAGCATCCCCTGGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCATCTTGACAAGACA  
GAGGAGGGCGCGCCAGTGTCTCTCCCTTGCTGTGACTCCATCACAGCCACTGACAGTTCAGACAAGG  
CCCCTGTGGTGAAGGCTAAAGCTACCATGTCATCATGAGTTCCTGATCACAAAGCAGACCCAGGAGAG  
CATCCAGCGTTTTGAACAACAGGCAGGACTGAGAGATGCTGGCTACACACCCATAAGGGCCTTACCACG  
GAGGAGACCAAGTACCTTCGAGTGGCAGAAGCACTCCATAAACTAAAGCTGCAGAGTGGAGAGACAGCAA  
AAGAAGAGAAGCACCTGCATCAGCCCAGTCCACCCGAGCAGCACCCCTCACGCGTCCCCTAAGCAGAA  
GTCCAGAGGCTGGTCCCCTCTGGCTCCTCCACAGCCTTACCTGCTCCGAATCCTCACACCATGGATCCT  
GGGAGTGGAAATGATAGGAAGTACAGCAAAATGGAGCCTCTTTGGACCAGCACCCCTGAGAAATCTG  
ATTCTGGTTTTGCTATTAGGCTTACAAAGGTGCCCAAGACCTCTCCTATGGAGGTGATGCGTGCCCA  
GGCCACAGAGTAGGTGAAGATCCAGCAACTTTCAAACCAAAAGATGGATGTCCCAATGGTAGAAGGA  
AAGAAGCAACCACTTCGAACCCATAATCTCAAACCCGTCACCTGAATGTGCTCACACCCACTGGCTTCT  
AG

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_133797  
**Insert Size:** 912 bp



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<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_133797.4</a> , <a href="#">NP_598558.1</a>
<b>RefSeq Size:</b>	2689 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	97820
<b>UniProt ID:</b>	<a href="#">Q9DBN4</a>
<b>Cytogenetics:</b>	13 B1
<b>Gene Summary:</b>	Potential NADPH-dependent oxidoreductase. May be involved in the regulation of neuronal survival, differentiation and axonal outgrowth (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).