

## Product datasheet for **MC226233**

### 4833439L19Rik (NM\_001252647) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4833439L19Rik (NM_001252647) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4833439L19Rik
Synonyms:	4930558H15Rik; C81457; Kiaa1191; P33monox
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226233 representing NM_001252647 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTCCCTGATCACAAAGCAGACCCAGGAGAGCATCCAGCGTTTTGAACAACAGGCAGGACTGAGAG  
ATGCTGGCTACACACCCATAAGGGCCTTACCACGGAGGAGACCAAGTACCTTCGAGTGGCAGAAGCACT  
CCATAAACTAAAGCTGCAGAGTGGAGAGACAGCAAAGAAGAGAAGCACCCCTGCATCAGCCCAGTCCACC  
CCGAGCAGCACCCCTCACGCGTCCCCTAAGCAGAAGTCCAGAGGCTGGTCCCATCTGGCTCCTCCACAG  
CCTTACCTGCTCCGAATCCTCACACCATGGATCCTGGGAGTGGAAATGATAGGAACTCAGCAGACAAATG  
GAGCCTCTTTGGACCACGACCCCTGCAGAAATCTGATTCTGGTTTTGCTATTACAGGCTTACAAAGGTGCC  
CCAAGACCCCTCTCCTATGGAGGTGATGCGTGCCAGGCCACACGAGTAGGTGAAGATCCAGCAACTTTCA  
AACCACCAAAGATGGATGTCCCAATGGTAGAAGGAAAGAAGCAACCACTTCGAACCCATAATCTCAAACC  
CCGTGACCTGAATGTGCTCACACCCACTGGCTTCTAG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001252647
Insert Size:	597 bp



[View online »](#)

<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001252647.1, NP_001239576.1</u>
<b>RefSeq Size:</b>	2315 bp
<b>RefSeq ORF:</b>	597 bp
<b>Locus ID:</b>	97820
<b>UniProt ID:</b>	<u>Q9DBN4</u>
<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 (4) lacks three exons in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (3) has a shorter N-terminus, compared to isoform 1.