

Product datasheet for **MC226781**

4833439L19Rik (NM_001252646) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4833439L19Rik (NM_001252646) 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: >MC226781 representing NM_001252646
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCCTGCCCATCGGGATGTGCCGTGGGCATTAGCTATGATGATGCCCTAGAGGACCCTGCGCCCA
 TGACTCCTCCTCCATCGGACATGGGCAGCATCCCCTGGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCA
 TCTTGACAAGACAGAGGAGGGCGCGCCAGTGTCTTCCCTTGCTGTGACTCCATCACCAGCCACTGAC
 AGTTCAGACAAGGCCCTGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAGTTCCTGATCACAAAGC
 AGACCCAGGAGAGCATCCAGCGTTTTGAACAACAGGCAGGACTGAGAGATGCTGGCTACACCCCATAA
 GGGCCTTACCACGGAGGAGACCAAGTACCTTCGAGTGGCAGAAGCACTCCATAAACTAAAGCTGCAGAGT
 GGAGAGACAGCAAAAGAAGAGAAGCACCTGCATCAGCCAGTCCACCCCGAGCAGCACCCCTCACGCGT
 CCCCTAAGCAGAAGTCCAGAGGCTGGTCCCCTCTGGCTCCTCCACAGCCTTACCTGCTCCGAATCCTCA
 CACCATGGATCCTGGGAGTGAAATGATAGGAACTCAGCAGACAAATGGAGCCTCTTTGGACCACGACCC
 CTGCAGAAATCTGATTCTGGTTTTGCTATTAGGCTTACAAAGGTGCCCAAGACCCTCTCTATGGAGG
 TGATGCGTGCCAGGCCACACGAGTAGGTGAAGATCCAGCAACTTCAAACCACCAAGATGGATGTCCC
 AATGGTAGAAGGAAAGAAGCAACCACTCGAACCCATAATCTCAAACCCCGTGACCTGAATGTGCTCACA
 CCCACTGGCTT**C****TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001252646
Insert Size: 855 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252646.1</u> , <u>NP_001239575.1</u>
RefSeq Size:	2494 bp
RefSeq ORF:	855 bp
Locus ID:	97820
UniProt ID:	<u>Q9DBN4</u>
Cytogenetics:	13 B1
Gene Summary:	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 (3) lacks two exons in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1. Variants 2 and 3 encode the same isoform.