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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC212024 representing NM_133797
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTCAAGACAACCAGAAGTGCCTGCTCTTGCTCCCAGCGGGCCTCTAGGCAAGATGTCCCTGCCCA
TCGGGATGTGCCGTCGGGCATTCAGCTATGATGATGCCCTAGAGGACCCTGCGCCCATGACTCCTCCTCC
ATCGGACATGGGCAGCATCCCCTGGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCATCTTGACAAGACA
GAGGAGGGCGCGGCCAGTGTCTCTTCCCTTGCTGTGACTCCATCACCAGCCACTGACAGTTCAGACAAGG
CCCCTGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAGTTCCCTGATCACAAAGCAGACCCAGGAGAG
CATCCAGCGTTTTGAACAACAGGCAGGACTGAGAGATGCTGGCTACACACCCCATAAGGGCCTTACCACG
GAGGAGACCAAGTACCTTCGAGTGGCAGAAGCACTCCATAAACTAAAGCTGCAGAGTGGAGAGACAGCAA
AAGAAGAGAAGCACCCTGCATCAGCCCAGTCCACCCCGAGCAGCACCCCTCACGCGTCCCCTAAGCAGAA
GTCCAGAGGCTGGTTCCCATCTGGCTCCTCCACAGCCTTACCTGCTCCGAATCCTCACACCATGGATCCT
GGGAGTGGAAATGATAGGAACTCAGCAGACAAATGGAGCCTCTTTGGACCACGACCCCTGCAGAAATCTG
ATTCTGGTTTTGCTATTCAGGCTTACAAAGGTGCCCCAAGACCCTCTCCTATGGAGGTGATGCGTGCCCA
GGCCACACGAGTAGGTGAAGATCCAGCAACTTTCAAACCACCAAAGATGGATGTCCCAATGGTAGAAGGA
AAGAAGCAACCACTTCGAACCCATAATCTCAAACCCCGTGACCTGAATGTGCTCACACCCACTGGCTTCT
AG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-RsrII
ACCN:	NM_133797

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Insert Size:	912 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:	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:	NM_133797.4, NP_598558.1
RefSeq Size:	2689 bp
RefSeq ORF:	912 bp
Locus ID:	97820
UniProt ID:	Q9DBN4
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 (1) encodes the longest isoform (1).

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