

## **Product datasheet for MR200639**

## 2010003K11Rik (NM 027237) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** 2010003K11Rik (NM\_027237) Mouse Tagged ORF Clone

Tag: Myc-DDK

**Symbol:** 2010003K11Rik

Mammalian Cell No

Selection:

Neomycin

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

ORF Nucleotide >MR200639 representing NM\_027237.

Sequence: Blue=ORF Red=Cloning site Green=Tag(s)

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGGGACCAGCCTGCGTAGCCAGTCCTTTCGAGAACCCCGGCCCTCCTATGGGAGGCTCCATGAGTCC CAGGGGAGGTCTCTGGATGGCCGACTCCACAGAGCACTGAGCCTCAGACTGGGCCGTGAGAAGTCCAGG TCGCAGGTCCCCGATGGCACGGAAGGGCTGGAGGTCTCTGTCCAGGAGCGGCTGCCAGGGACCCTGGGA GACAAAGAACAGCTGATCCAAGGCCAGAGAGGAGGAGGAGCCGGCGGTGGCTGAGACAGTACCAGCAG CATGTGAAAAGAAGAAGTGGAGGAGTTTTGTCGCCAGCTTCCCCAGTGTGACCCTGAGTCAACCAGCCTCC

CCAGAGACCTTGTTGGACACCAACAAC

**ACGCGTACGCGGCCGCTC**GAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

**Protein Sequence:** >Peptide sequence encoded by MR200639

Blue=ORF Red=Cloning site Green=Tag(s)

 ${\tt MGTSLRSQSFREPRPSYGRLHESQGRSLDGRLHRALSLRLGREKSRSQVPDGTEGLEVSVQERLPGTLG}$ 

DKEQLIQGQRGGGSRRWLRQYQQHVKRRWRSFVASFPSVTLSQPASPETLLDTNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using MR200639 also available, TP500639

**Restriction Sites:** Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

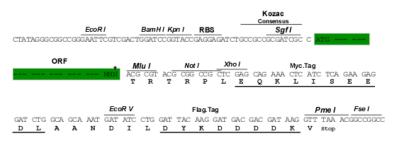
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## **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_027237

ORF Size: 372 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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 Size:** 1189 bp **RefSeq ORF:** 375 bp



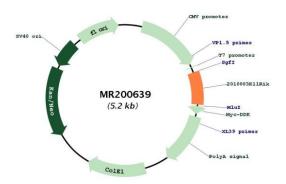
 Locus ID:
 69861

 UniProt ID:
 Q8VC23

Cytogenetics: 19 A

**MW:** 14.1 kDa

## **Product images:**



Circular map for MR200639