

Product datasheet for **MG200639**

2010003K11Rik (NM_027237) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2010003K11Rik (NM_027237) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 2010003K11Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200639 representing NM_027237.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGACCAGCCTGCGTAGCCAGTCCTTTGAGAACCCCGCCCTCCTATGGGAGGCTCCATGAGTCC
CAGGGGAGGTCTCTGGATGGCCGACTCCACAGAGCACTGAGCCTCAGACTGGGCCGTGAGAAGTCCAGG
TCGCAGTCCCGATGGCACGGAAGGGCTGGAGTCTCTGTCCAGGAGCGGCTGCCAGGGACCCTGGGA
GACAAAGAACAGCTGATCCAAGGCCAGAGAGGAGGAGGCCAGCCGGCGGTGGCTGAGACAGTACCAGCAG
CATGTGAAAAGAAGGTGGAGGAGTTTTGTCGCCAGCTTCCCAGTGTGACCCTGAGTCAACCAGCCTCC
CCAGAGACCTTGTGGACCAACAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by MG200639
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGTSLRSQSFREPRPSYGRLEHESQGRSLDGRHLRALSLRLGREKRSRQVPDGTGLEVSQERLPGTLG
DKEQLIQQRGGGSRRLRQYQHVRRWRSFVASFPSVTLSPASPETLLDTNN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



Cloning Scheme:


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:

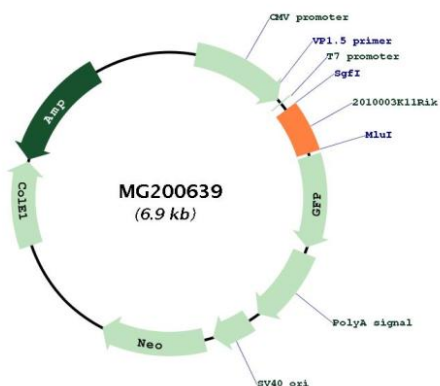
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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: [NM_027237.1](#), [NP_081513.1](#)

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 MG200639