

## Product datasheet for **MC220468**

### Mum111 (NM\_001164633) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mum111 (NM_001164633) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mum111
Synonyms:	9430086K21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220468 representing NM\_001164633  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATGGCAAATATGTCCTGTGTAATTGGAAAGACCAATTATGGCCAGCAAAGTTTTAGATAGGTCTG  
 AAAGTCCATCAGAGAGTAAGAGGAAAAATACATCGTCCCTAGAAGTTGAAATACTTTCACCTGGATGAGAA  
 AATTACCGTGAAAGCACAGACACAAAAGTCTAAGCAAATCTGCTGTTGAAGCCATTATGTCCTCTCTA  
 GCAGTACAGTCAGAGGTCATCATTGCACCTAGAGAGGAGACAGCCTATGAAAGATCACTGAAAATGGCAC  
 TGGAAATGGTGAAGAAGGAACCAATCTCAGCCAGGAAAGCATGTCAGAAGAACAACCTACAGCTACAGC  
 GTCTGAAAATGTCCAGAACAGCCACCTGATTCACCTCCTCATAAAAAGTTCGCAAACTTGAAAGCAAC  
 ACCCAGGAGGACTCTGCTTCCATACTGCTGTGCTCAGAGAGTGATGATTCCATGACCGATGATAAGTTGC  
 AGGTGCACACAACCGGTGAGAGCATGCCAAGTGAGATGGACACAAAGGCAACAGAAAACCTTAGGCTGTTG  
 CCAAACAGACCCTTCTTGGCAGATGAGGATGATAAAAAGGAAGAAAAGAAAAGATTGACATCTCGGCA  
 ATCATGTCTGTGAATTTATCACTCAAAGAAGAAAGCGAATATATTAAGAAGAGAAAATTCGTCCCTCAT  
 CAGAAGATCTCACTGTCCCAAAGAGGAGTCACAAGACATCCTCCAGAAGCGCCTCTGGCTGTTTCCTC  
 TGAATGTTCTATTGTCTCAGAGAATAACATGGAAGATCCTGGTGAGGGCCCATCAAATCAGAATCTAGTC  
 TCCTATGCCAACCAAAATCAGTCTTCTGTGGAATCCGATGTAGGTGCCGAGACATCCACTGCAGGGTGT  
 CAGGGGACTTTCAGGTTTCCCTTCTACCCGTGATACAGTCAGCAGTGATCTACTGCTCCAGAGACTGGA  
 TCTAGAAGATCTTGAGGAAGAAGCCGAGCTTCAGGCAAGCTTTTGTCTTTAAATCCTGCCAGTGCCGCT  
 GCGTTAGAAAATGATAATGAAGATGATGATGAAGACCTTCCACGTTTTCATCTCCATTATGAGACACGTG  
 CATTGAAAATCGAATGATAGTGTGTTTAAATATCAAAAATACCCATTTTGCCAGCAGTGATCAAAAAG  
 CATTAGCGGAAAAGAGAGGAAAAGCGAGTGTGCTTTTGGTTGAGGCAGACATGAGTCCTCAAAGAAAGGC  
 GTTAGAGTATCTTTGAGGAGGCTGAAGAAATACGACTGTAAAGAGAAAACAGGCACTAGTGAGAAAGCCA  
 GGGAGGAGTACCGGGAGAGTATCGATTGGTGCCTGCTGACTGATTTGTGACTACCGAGTTAGACTAGGTTG  
 TGGCTCTTTTACCGGCTCGTCTTTGAGTATTATGCTGCTGACATCAGTTATCCAGTCAGGAAAATCATC  
 AAACAAGATACCTTCAGAAAATATTTCCAAAGCTATACAATGAAAACGTGGGGGAGCAGTTGCCTATGG  
 CATCCCAAGCCAAGAGAGTATCTTTCCAGAAAATCTCCCTGATCGGATGAAGCCTGCTCGGGACCGAGC  
 TAACAAGAACCTGGTAGATTTTATTGTCAATGCAAAAAGGAACAGAGGACCACCTCTGGGCATTTTAAAG  
 GGCACCAAAAAATCCAAGTGGCTGAAATCATTTCTCAATGCAAAAGAGTTTACACCTGTATTGAAACCT  
 ACTTTGAAGATGAAGATCAACTGGATGAGGTAGTGAATACCTACAAGAAATTTATAAGCAAATTGACCA  
 GAAGATGCTGACTCTGATAAAAGATGACAAAATTAAGTTTGTCTTGAAGTTCTTCTACCAAGCAATT  
 ATTTGCTCAATTTCTGCTGTTGATGGCTTAGATTATGAGGCAGCTGAGGCAAAGTATCTAAAGGGACCAT  
 CCCTCGGCTGTAGGGAGAGAGAATTATATGATTCAAAATCCTATTTGAAAAGAGAAGGAGGTCATTACC  
 AAACGAAGGCCAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001164633
- Insert Size:** 2046 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\\_001164633.1](#), [NP\\_001158105.1](#)

**RefSeq Size:** 4282 bp

**RefSeq ORF:** 2046 bp

**Locus ID:** 245631

**UniProt ID:** [Q4VA55](#)

**Cytogenetics:** X F1