

Product datasheet for **MC220471**

Mum111 (NM_175541) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mum111 (NM_175541) 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: >MC220471 representing NM_175541
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGGCAAATATGTCCTGTGTAATTGGAAAGACCAATTATGGCCAGCAAAGTTTTAGATAGGTCTG
 AAAGTCCATCAGAGAGTAAGAGGAAAAATACATCGTCCCTAGAAGTTGAAATACTTTCACCTGGATGAGAA
 AATTACCGTGAAAGCACAGACACAAAAGTCTAAGCAAATCTGCTGTTGAAGCCATTATGTCCTCTCTA
 GCAGTACAGTCAGAGGTCACTTGCACCTAGAGAGGAGACAGCCTATGAAAGATCACTGAAAATGGCAC
 TGGAAATGGTGAAGAAGGAACCAATCTCAGCCAGGAAAGCATGTCAGAAGAACAACCTACAGCTACAGC
 GTCTGAAAATGTCCAGAACAGCCACCTGATTCACCTCCTCATAAAAAGTTCGCAAACTTGAAAGCAAC
 ACCCAGGAGGACTCTGCTTCCATACTGCTGTGCTCAGAGAGTGATGATTCCATGACCGATGATAAGTTGC
 AGGTGCACACAACCGGTGAGAGCATGCCAAGTGAGATGGACACAAAGGCAACAGAAAACCTTAGGCTGTTG
 CCAAACAGACCCTTCTTGGCAGATGAGGATGATAAAAAGGAAGAAAAGAAAAGATTGACATCTCGGCA
 ATCATGTCTGTGAATTTATCACTCAAAGAAGAAAGCGAATATATTAAGAAGAGAAAATTCGTCCCTCAT
 CAGAAGATCTCACTGTCCCAAAGAGGAGTCACAAGACATCTCCAGAAGCGCCTCTGGCTGTTTCCCTC
 TGAATGTTCTATTGTCTCAGAGAATAACATGGAAGATCCTGGTGAGGGCCCATCAAATCAGAATCTAGTC
 TCCTATGCCAACCAAAATCAGTCTTCTGTGGAATCCGATGTAGGTGCCGAGACATCCACTGCAGGGTGT
 CAGGGGACTTTCAGGTTTCCCTTCTACCCGTGATACAGTCAGCAGTGATCTACTGCTCCAGAGACTGGA
 TCTAGAAGATCTTGAGGAAGAAGCCGAGCTTCAGGCAAGCTTTTGTCTTTAAATCCTGCCAGTGCCGCT
 GCGTTAGAAAATGATAATGAAGATGATGATGAAGACCTTCCACGTTTTCATCTCCATTATGAGACACGTG
 CATTGAAAATCGAATGATAGTGTGTTTAAATATCAAAAATACCCATTTTGCCAGCAGTGATCAAAAAG
 CATTAGCGGAAAAGAGAGGAAAAGCGAGTGTGCTTTTGGTTGAGGACAGACATGAGTCCTCAAAGAAGGC
 GTTAGAGTATCTTTGAGGAGGCTGAAGAAATACGACTGTAAAGAGAAAACAGGCACTAGTGAGAAAAGCCA
 GGGAGGAGTACCGGGAGAGTATCGATTGGTGCCTGCTGACTGATTTGTGACTACCGAGTTAGACTAGGTTG
 TGGCTCTTTTACCGGCTCGTCTTTGAGTATTATGCTGCTGACATCAGTTATCCAGTCAGGAAAATCATC
 AAACAAGATACCTTCAGAAAATATTTCCAAAGCTATACAATGAAAACGTGGGGGAGCAGTTGCCTATGG
 CATCCCAAGCCAAGAGAGTATCTTTCCAGAAAATCTCCCTGATCGGATGAAGCCTGCTCGGGACCGAGC
 TAACAAGAACCTGGTAGATTTTATTGTCAATGCAAAAAGGAACAGAGGACCACCTCTGGGCATTTTAAAG
 GGCACCAAAAAATCCAAGTGGCTGAAATCATTTCTCAATGCAAAAGAGTTTACACCTGTATTGAAACCT
 ACTTTGAAGATGAAGATCAACTGGATGAGGTAGTGAATACCTACAAGAAATTTATAAGCAAATGACCA
 GAAGATGCTGACTCTGATAAAAGATGACAAAATTAAGTTTGTCTTGAAGTTCTTCTACCAAGCAAT
 ATTTGCTCAATTTCTGCTGTTGATGGCTTAGATTATGAGGCAGCTGAGGCAAAGTATCTAAAGGGACCAT
 CCCTCGGCTGTAGGGAGAGAGAATTATATGATTCCAAAATCCTATTTGAAAAGAGAAGGAGGTCATTACC
 AAACGAAGGCCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175541
- 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_175541.3](#), [NP_780750.2](#)

RefSeq Size: 4523 bp

RefSeq ORF: 2046 bp

Locus ID: 245631

UniProt ID: [Q4VA55](#)

Cytogenetics: X F1