

Product datasheet for MC224211

Mast3 (NM_199308) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mast3 (NM_199308) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mast3
Synonyms: BC024265; mKIAA0561
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224211 representing NM_199308
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACCCAGCTACTGGACCGGGTCGCGGCCCGGGGCACCGCAGCCGCCTGGCCAAGGGTGGC
 TGCTACAGCGTTCAAAAGCTGCCGAGTGGAACCGTAAGAGCTTGGTCGTGGGACGCCCTCACCCAC
 TCTCTCCAGACCTCTGTCACTCTCTGTCCCACTGCAGGTAACAGCCCTGGACAGTCTCGGAAC
 TTCTCTGCTGCAGCAGCCATCAGTTTCCCTTTGCCCGGAGGGCTGACGGCAGAAGATGGTCACTTGCTT
 CCCTCCGGTCTCGGGCTATGGGACCAACTCCAGCTCCACTGTATCGTCAAGCTCGTCTCCCGGGA
 GCGTCTACACCAGCTCCCTTCCAGCCACAGCAGACGAGCTGCGCTTCTGTCCAAGCACTTCCGACG
 TCAGAGAGTGTGGTGGACGAGGACGGAGGCCGTTCTCCACGCCTGCGCCACGCTCACGCAGCCTCAGCC
 CTGGACGCACATCAGGAACCTTCGACAACGAAATAGTGATGATGAACCACGTGTACCGGGAGCGTTTCCC
 CAAGGCCACGGCGCAGATGGAGGGCCGGCTGCAGGACTTCTGGCAGCATTGCTCCTGGCAGCCGCTG
 GCACTGGCAGACGGTGTCTTGGCTTTATCCACCACCAGATCGTGAACGGCACGGGACTGCCTGGCCA
 AGTCGGGCGAGGCTCTGGTCACTTCCCGTATTTCTGGAGATGCAGGACAAGCTGGAGAGGCTGTTGCA
 GGATGCTCACGAGCGGTGGACAGCGCCGAGGTGGCTTCATAGTGCAGCTGGTCCGAAAAGCTGCTCATC
 ATCATCTCCAGGCCAGCGCGCTGCTCGAGTGCTTGGAGTTTGACCCGGAAGAATTCTACCATCTGCTGG
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 GCTGGGCTTGGCAAGGACCCGCTGGAAGAGATCCAGCCCTGAATGACCTTGATGAAAGCCAGCCCTT
 GCTCCTGGATCCCTGAGAGCCGAGGCTGGGTGGTCCGCTCGGAGGAAGCCATGTGAGAGCGACTTTG
 AGACCATCAAGCTCATTAGCAATGGAGCCTATGGGGCCGCTACCTGGTGCGCCACAGGGATACGGGCA
 GCGCTTCGCCATCAAGAAAATCAACAAGCAGAATTTAATTCTGCGCAACCAGATCCAACAGGTGTTGTG
 GAGCGAGACATCCTCACCTTCGCGGAGAACCCCTTTGTGGTTGGCATGTTCTGCTCTTTGAGACCCGCC
 GCCACCTCTGATGGTCAATGAAATATGTGGAAGGGGGTACTGCGCTACGCTCCTGAAAAACATGGGCC
 ACTGCCGTGGACATGGCAGCATGTACTTCGCGGAGACGGTGGTGGCACTGGAATATCTGCACAACTAT
 GGCATTGTGACCGAGATCTCAAACCTGACAACCTGCTCATCACCTCCCTCGGCCATATCAAGCTGACGG



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ACTTCGGCCTGTCCAAGATCGGCCTCATGAGCATGGCCACCAACCTGTATGAAGGTCACATCGAGAAGGA
 TGCTCGAGAGTTTGTGGACAAGCAGGTGTGTGGGACACCCGAGTACATCGCACCAGAGGTGATCTCCGC
 CAGGGCTACGGGAAGCCAGTAGACTGGTGGGCCATGGGCGTCATCCTGTATGAGTTCTGGTGGGCTGTG
 TGCCATTCTTCGGGGACACGCCTGAGGAGCTGTTCCGACAGGTTGTCAGTGATGAGATCATGTGGCCAGA
 GGGAGATGAGGCCCTTCCCCTTGACGCTCAGGACCTGATTACTAGGCTTCTGCGTCAGAGCCCAATGGAC
 AGGCTGGGACTGGTGGCACCCATGAGGTGAAACAGCACCCCTTCTTCTGGCCCTGGACTGGGCAGGGC
 TCCTGAGACACAAGCAGAGTTTGTCCACAGCTTGAAGCTGAGGATGACACCAGCTACTTTGACTCTCG
 CTCTGAGCGGTACCGCCACTTGGGCTCCGAGGACGACGAGACGAATGATGAGGAGTCTCCACGGGATC
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 TTGCCTTCTCTGAAGATGAGGGAGCAAGTTCAGGACCTGCTGATCCCCAAAAGCCTGTCTTCATTCT
 GGGGAGCCTGATCCCCACCCCGACCACCCAGTGACACCCAAGCCCTGCAACCTTTCTGCTGACACA
 GCTGTCTCAGCCATGCCCGCTTGAAGTAACAGTACAGGAGCCCGGCACTCCACTCCTCGGCCCTGG
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 TGGCAGTGGGGTTCGAGTGCCCAAGTACGCTCTGTGTCTGCCCTGTCCCTCATCATCACGGCAGACGAC
 GGCAGCGGGGCGCTCTCATGAGCCCTTGTGCCCCGCTCGCTGTCTCCAATCCCTCCTCCCGAGACT
 CCTCACCCAGCCGGGACCCATCACCAAGTGTGGTAGCCTGCGGCCCTCCCATCGTCATCCACAGCTCAGG
 CAAAAAGTATGGCTTACGCTGCGGCCATTCTGTCTACATGGGTGATAGTGACGTGTACACGGTGCAC
 CATGTGGTCTGGAGCGTGGAGGAGGGGAGCCCTGCACAGGAGGCAGGACTGCGTGTGGGACCTCATCA
 CACACATCAATGGGAGTCAGTCTGGCCTGGTACACATGGACGTGGTGGAGCTGCTGCTGAAGAGTGG
 AAACAAGATCTCCTGCGCACCCGCGCCCTGGAGAACCTCCATCAAGGTGGGACCCGCGCGGAAGAAC
 GTGGCCAAGGGCCGATGGCCCGTAGGAGTAAGCGCAGCCCGGCGTGAGACCCAGGACCCGCGGAAGT
 CTCTGTTTAAAGAGATCTCAAAGCCATCTTCTGTGCTCCACACCAGCCGAGCTTTTCTCAGGCCCTCCA
 GCACTCTCTGTCTCCAGCGAGAGCCTCCCCGGATCACCCACTCACAGCCTGTCTCCAGCCCCACCACG
 CCCTGCCGAGCCCTGCCCCGACGCCCCACAGACACAGCATCCCCACCCAATGTGTCCCCAAGCTCCA
 GCAGCCCCGCTTCTCCAGCCACTGGTACACCCGTCAGCTCCCTGCATGGCCTGGCAGCCAAGCTCGG
 ACCACCTCGTACAAGAGCGGTGCGCGCAAGTCCACAAGCAGTATCCCTCCATCTCCGCTGGCCTGCCCC
 CCCGTGCCACGCCCCGCCACGCTCACCATCCCCCTTCCGGGGCACATCCCCATACCCGCCCGGTCTC
 CTAGGCTCGTAGGGCCAGTACGCCGACAAGCTGGGCCTAGGCACCAGTGAAGGCTGGATGGGGATGG
 AGGCCGCGCGCCCGGGGGCCGAGGCTGAGCTGGTGTGATGAGGAGGCTGCATCTATCAGAGCGTCGG
 GATTCTTCAAGAAGCAGGAGGAGTGCAGGAGGTGAGCTTCGATGAGGAGCCTGGGCCGCTCCGCGGG
 TGCCGAAGATCGCTGTGACGGGTGCAGAGGCCACACCTGGAACCCAGGACATGCCAGGAAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_199308
- Insert Size:** 3918 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_199308.2](#), [NP_955012.2](#)

RefSeq Size: 5334 bp

RefSeq ORF: 3918 bp

Locus ID: 546071

UniProt ID: [Q3U214](#)

Cytogenetics: 8 B3.3