

Product datasheet for **RN205714**

Mast3 (NM_001134796) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mast3 (NM_001134796) Rat Untagged Clone
Tag: Tag Free
Symbol: Mast3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205714 representing NM_001134796
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGACCCAGCTACTGGACCGGGTGGCGGCCCCCGGACACCGCAGCCGCTGGCCAAGGGTGGCG
 TGCTACAACGTTCCAAAAGCTGCCGAGTGGCAACCGTAAGAGCCTAGTCGTGGGACGCCCTTACCACCA
 TCTCTCCAGACCTTTGTCACTCTCTGTCCCACTGCAGGTAACAGCCCTTGGACAGTCTCCGGAAC
 TTCTCTGCCGACGCGCCATCAATTTCCCTTTGCCCGGAGGGCTGACGCGAGAAGATGGTCACTTGCTT
 CCCTCCGGTCATCAGGCTATGGGACCAACTCCAGCTCCACTGTGTCGTCGAAGCTCATCTCCCGGGA
 GCGTCTACACCAGCTCCCTTTCCAACCCACTGCGGACGAAGTGCCTTCTGTCCAAGCACTTCCGACG
 TCAGAGAGTGTGGTGGATGAGGATGGAGGCCGTTCTCCGCGCCTGCGCCACGCTCACGAAGCCTCAGCC
 CTGGACGAACATCAGGAACCTTCGACAACGAGATAGTGATGATGAATCATGTATACCGGGAGCGCTTCCC
 CAAGGCCACAGCGCAGATGGAGGCCGGCTGCAGGACTTCTGGCAGCATTGCTCCTGGAGACCGCCTG
 GCACTGGCAGACGGTGTCTGGGCTTATCCACCACCAGATCGTGGAGTTGGCGAGGGACTGCCTGGCCA
 AGTCGGGCGAGGCTCTAGTCACCTCCCGCTATTTCTGGAGATGCAAGACAAGCTGGAGCGACTACTGCA
 GGATGCTCATGAGAGTCAAGATAGCGCCGAAGTGGGCTTTCATCGTGCAGTTGGTCCGCAAGCTGCTCATC
 ATCATCTCCAGGCCAGCGCGGCTGCTCGAGTGGTGGAGTTTCGACCCGAAGAATTCTACCATCTGCTGG
 AGGCTGCAGAGGGCCAGGCCCGCGAGGACCAGGGCGTGAAGACTGATCTGCCCGCTACATCATCCGCCA
 GCTGGGCTTGGCAAGGACCCCTTAGAAGAGATTAGCCCTGAATGACCTTGTGAAGGCCAGCCACCA
 GCTCCTGGATCCCTGAGAGCCGAGGCTGGGCGGTCCGTCGAGGACGACATGTGAGAGCGACTTTG
 AGACCAACAAGCTTATTAGCAATGGAGCCTATGGGCTGTCTACCTGGTGCGCCACAGGGACACACGACA
 GCGCTTCGCCATCAAGAAGATCAACAAGCAGAAATTTGATTTCTGCGCAACCAGATCCAACAGGTGTTTGTG
 GAGCGAGACATCCTCACCTTCGCCGAGAACCCTTTGTGGTGGCATGTTCTGCTTTTTGAAACCCGTC
 GCCACCTCGATGGTGTGAGTATGTGGAAGGGGTGACTGCGCCACGCTGCTGAAAAACATGGGCC
 ACTGCCTGTGGACATGGCCCGCATGTACTTCGCGGAGACGGTACTGGCTCTGGAGTATCTGCACAACTAT
 GGCATCGTGCACCGAGACCTCAAACCTGACAACCTGCTCATCACCTCCCTCGGCCACATCAAGCTGACGG
 ACTTCGGCCTGTCCAAGATCGGCCTCATGAGCATGGCCACCAACCTGTATGAAGTCACTCGAGAAGGA
 TGCTCGAGAGTTTGTGGACAAGCAGGTGTGCGGGACGCTGAATACATCGCGCCAGAGGTGATCTCCGC



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CAGGGCTATGGGAAGCCAGTAGACTGGTGGGCCATGGGCGTCATCCTGTATGAGTTCCTGGTGGGCTGCG
 TGCCCTTTCTTTGGGGACACACCTGAGGAGCTGTTCCGGACAGGTTGTCAGTGATGAGATCATGTGGCCAGA
 GGGAGATGAGGCCCTTCCCCCGACGCCAGGATCTATTACTAGGCTTCTGCGTCAGAGCCCAATGGAC
 AGGCTGGGACTGGAGGCACCCACGAGGTGAAACAGCACCCCTTCTTCTGGCCCTGGACTGGGCAGGGC
 TCCTGAGACACAAGGCAGAGTTTGTCCCACAGCTTGAAGCTGAGGACGACACCAGCTACTTTGACTCG
 CTCTGAGCGGTACCGCCACTTGGGCTCCGAGGGTACGAGACGAATGACGAGGAATCCTCCACAGAGATC
 CCCCAGTTCTTCTCTGTTCCCACCGCTTCCAGCAAGGTCTACAGCAGTCCGAGTCCGCTGGCTGCCAGC
 CCAACCCACCTTTGCTGAAAGAAGCTTCACTGAGGACCAGAGGAAGGTTGGGAGCAAAGCGGTGAAGG
 GGACGGTGGCCGGCGGCTGAGCACTGACCTCCGGCTGAGGTCTGGACACCTGCTTCTCTGTGACGCCG
 TCTTCTGTGACAGCGACCGGGTCCCAGCCGCTCTCTCTAAGCACCATCAGCTTGACATGCCTAAAT
 TTGCCCTTCTCTGAAGATGAGGGAGCAGGCTCAGGGCTGCTGACACCAGAAAGCCGCTTTCATCTT
 GGGGAGCCTGACCCCCACCCCGACCCAGTGACACCTAAGCCCTGCAACCTTCTGCCGACACA
 GCTGTTCTCAGCCATGCCCGCTTCGAAGTAACAGTACAGGCGCCGGCACTCAACTCTCGGCCCTGG
 ATGCCGGCAGAGCCGCCCTAGGAAGCTCAAGAGACCCCGCCAGAGAAGCCAGGGCTCCCTGG
 TGGCAGCGGGGTGAGTGCCCAAGTCAAGCTCTGTGTCTGCCCTGTCCCTCATCATCAGGCAGACGAC
 GGCACTGGGGGCCCTCATGAGTCCCTTGTGCGCCCGCTGCTGTCTCCAACCCCTCCTCCGAGACT
 CCTCACCTAGCCGGGACCCATCACCAGTGTGTGGTAGCCTGCGGCCCCCATCGTCATCCACAGCTCGGG
 CAAGAAGTACGGCTTCCAGCTTCCGCGCCATTCTGTGTCTACATGGGAGACAGCGAGTGTACACGGTGCAC
 CATGTGGTCTGGAGCGTGGAGGAGGGGAGCCCTGCGCAGGAGCGGGACTGCGTGTGGGACCTCATCA
 CACACATCAACGGGAATCTGTCTGGGCTGGTGCACATGGATGTGGTGGAGTGTCTGTAAGAGTGG
 CAACAAGATCTCCTGCGCACCCAGCCCTGGAGAACACCTCCATCAAGTGGGGCTGCCCGGAAGAAC
 GTGGCCAAAGGCCGATGGCCGAAGAAGCAAGCGCAGCCCGCCGCGAGACCCAGGACCGCGGAAGT
 CCTTGTAAAGAGGATCTCGAAGCCATCTTCTGTGTCTCACACCCAGCCGAGTTTCTCCTCGGGCTCCA
 GCACTCTGTCTCCAGCGAGAGCCTCCCTGGATCACCACTCACAGCCTGTCCCTAGCCCCACACG
 CCCTGCCGAGCCCTGCCCCGACGTCCCCACAGACACAGCATCCCCACCCAGTGTATCCCCAAGTTCCA
 GCAGTCCCGCTTCTCCAGCAACTGGCCACACCCGCTCCCAGCTCACTTCATGGCCTGGCAGCAAGCTCGG
 GCCACCTCGACACAAGAGCGGCCCGCAAGTCCACAAGCAGTATCCCTCCGTCACCACTGGCTTGGCCG
 CCAGTGCCACACCCCCACACGCTCGCCGTCTCCCTTCTGGGCACATTCCCATACCAGCAGGTCCC
 CTAGGCTGCGTAGGGCCAGTCTGCCGATAAGCTGGGCTAGGCACCAGTGAAGGCTGGATGGGGACGG
 AGGCCGGCGTGGCAGAGGGCCGAGACTGAGCTGGTGTGATGAGGAGGCTGCATCTGTCAGAGCGCCGG
 GACTCCTCAAGAAGCAGGAGCCGTGCAGGAAGTGAAGTTCGATGAGGAGCCTGGGCCGACTGGTGGG
 TGCCGAAGATCGCTGTGACAGGTCAGAGGCCACGCTGGAAGCCAGGACCAGCCAGGGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001134796

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_001134796.1](#), [NP_001128268.1](#)

RefSeq Size: 5371 bp

RefSeq ORF: 3918 bp

Locus ID: 688540

Cytogenetics: 16p14