

Product datasheet for **MC211533**

Mamstr (NM_172418) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mamstr (NM_172418) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mamstr
Synonyms: 2810022D01Rik; 5430432N15Rik; AW743872; Mastr
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211533 representing NM_172418
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCCTGGCAGCCTCCTCCAGCGCTCCAAATCATCCGTTCCAAGTCCGCTCTGCTCAGCTTC
 GGATCCACAGACGAATCAAGACTGCACCTCTGATTAGATCCATGGATCTCAGCCTCAGGCCAGCTCT
 GGCTCCAGCTTTGCCACTGTTCTGCCTTTTCTTGTGAGCCCTGGCGTCTTGTCCCTGAGCCAGCA
 TATTGTCTTGGAGGGCTCAAAGAAGGAATCTCCAAGAATCCCAACATTGGAAGGAGCTAAGGTCA
 GGGGAACTTGACATATACCTGTACATGCCTCCAGAACAGAGACAAGGGCCAGGGCAAATCTGCAAGT
 TGAGAGGTCAACCCTGGGTCCCCCGACCCACCTCTTTGGGAAAAGAATTCACAGAGACCACATCCTCGG
 ATGAAGCCTTCTCAGCAGGAGTCTCCAGTCCCTCGCCCCCTTACACAAGCTGGAACCTCAGACCCCTA
 AACTGGAAGAGCTGACGGTCTCAGAGCTTAGGCAGCAGCTGCGCTGCGGGGACTCCCGGTGTCCGGGAC
 CAAAGCGATGCTCCTGGAGCGCATGCGTGGTGGCACCCCGCCAGAGAACGGCCGAAGCCAGGCGAGAG
 GACAAAGAGGCGCTGCTCCCTGGCCCCGCCTCAAGCCAAAGCGCTGGAACTACTCGGCTACCCAGCA
 CGGTGAAGGCAAGCGCGACAAATCGTAGGCTGAAGTTTTCTGGAGCTACGGATCCCTGGGAGCAGCTCC
 CGCTCCGGCTTCTGTTCTGCTCCACTCCCTCTCCAGCTTGGCTCCGACTCCGACTCCAGCTCCAGTT
 CCAGCTCCAGCTCCAGCTCCTTTCCCGACACTCCAGCTAGCCTGACTCTGGAGGAGGAGCTGCAGGAAG
 CGATCCGTAGGGCGCAGCTGTTCCAAACCGAACATCGATGACATCCTGGAAGACCAAGTGAGCCAGA
 TGACCTGCTGCCTCCCGTCCCTTGGACTTCCCTGGCTCATTTGACCTGCTGTCTCCCTCCCGGACTCG
 GAAGGCTTCTCTCCGTCTTCTTCTTCTTCACTACCGTCCCCACAAGCTCCCTGTCCCTTCTCAAAGG
 CCCTCACTGATTCCTTGGACTGGCTGGAGGCTTGAAGGGGTCACCAGTGGGCTCTGGGCTCCCGG
 CCCCAGCATTTCTGCGGACCTATCTGATCCAGTGGCAGTCTGCTCTGGAACTGCTGCCAGATCCT
 TGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172418
Insert Size:	1266 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:	<ol style="list-style-type: none">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_172418.2 , NP_766006.2
RefSeq Size:	2179 bp
RefSeq ORF:	1266 bp
Locus ID:	74490
UniProt ID:	Q0ZCJ7
Cytogenetics:	7 B3
Gene Summary:	Transcriptional coactivator. Stimulates the transcriptional activity of MEF2C. Stimulates MYOD1 activity in part via MEF2, resulting in an enhancement of skeletal muscle differentiation.[UniProtKB/Swiss-Prot Function]