

Product datasheet for **SC325897**

MAMSTR (NM_001130915) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAMSTR (NM_001130915) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAMSTR
Synonyms:	MASTR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325897 representing NM_001130915. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGACCTGGCGGCTTCTCCAGCGTTCCAAATCATTCGCTCCAAGTTCGGATCTGCTCTCCAGCTT
 CGGATCCACAGACGGAATCAGGAGCAGATCTCGGATCCGACCCGTGGATCTCAGCCTCAGACCTCCT
 CTGGCCCCGGCCTTGCCTCGGGCACGGCCCTTTCTCTTCAGCCCTGGGGTCTGCTCCCCGAGCCA
 GAATATTGCTCTTGGAGGTCCCCAAGAAGGAGTCTCCAAGATCTCCAACGTTGGAGGGAGTCC
 AAGCCCAGGGGAACTTGACATACCACAGTACATGCCCCAGAGCCGAGACAGGGATCCAGGGCGGAC
 CCCCAGCCGAGGGGTCCGCCCTGGGTCTCTGGGCCATCTCTGTGGGAAGGACAGACTCGCAGCAG
 CCACATCTAGGATGAAGCCCTCTCCCTCACTCCCTGCCACCAGGAGTCCCTAGCCCTCGCCCCC
 CCACACAAGTTGGAATTCAGACCTTAACTGGAGGAGCTGACGGTCTCAGAGCTCCGGCAGCAGCTG
 CGCCTGCGGGGCTCCAGTGTGCGGGACCAAGTCTATGCTCTGGAGCGCATGCGCGGCGGCGGCCG
 CCCCAGAGCGGCGGAAGCCGCGGCGGAGGACAGTCCCGCGGTGCTCCCTGGCCGCGCTCAAGCCC
 AAGGCCCTGGCAGCCGCCGCGTCAAGGCTCGGTCAAGCCAGCGCAGCATCTCACAGGCCACCTCTT
 CCACGTGCCGCGGATACCCGGGGACGGCTCCGGCTCCAACCTCCACTCCGGCTCCTGCTGACGTCCA
 GCCCTGACCCCTCTCAGGGCCGGGCTCAGCGGCTCTGACTCTGGAGGAGGAGTGCAGGAAGCGATC
 CGGAGGGCGCAGTTGCTTCTAACCAGGGCATCGATGACATCTGGAGGATCAGGTGGAGCTGATGAC
 CCCTGCCCCCTATTCCCTGGACTTCCCTGGCTCCTTCGACGTGCTGTCCCCCTCCCCGACTCTGAA
 GGCTCTCATCTGTTTTCTCTTCACTCCCGTCTCCACGAACCTCTCTCCCCCTCTCCAGGGAC
 CCCACGACTCCCTGGACTGGCTGGAGGCCCTGAGCGGGGTCTCTCTGGGTTCTGGTCCCCACCC
 CCCAGCATCTTCTCGCTGACTTATCTGACTCCAGCAGCAGCCGGCTGTGGGACCTGCTGGAGGATCCA
 TGGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001130915
Insert Size:	1248 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001130915.1</u>
RefSeq Size:	1579 bp
RefSeq ORF:	1248 bp
Locus ID:	284358
UniProt ID:	<u>Q6ZN01</u>
Cytogenetics:	19q13.33
MW:	44.6 kDa
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 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant encodes the longer isoform (1).