

Product datasheet for **MC208984**

Msx3 (NM_010836) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msx3 (NM_010836) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msx3
Synonyms: AI323377
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208984 representing NM_010836
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCCGGCGACATTCGACATGAACCGGGCGGGCTCGAAGCTCGGGCGGGGCCACACAGAGCAG
 GACCACTCCCCTCAGCGTCGAGTCTCTGCTGGAGGCTGAGCGGTACCGGGCTCCGAGTCTGGGGAGT
 GGGGTGGAGAGGCCGCTCGGCGCTCGAAGCCTGGAGCCTGGCCCCCTCCAGTCGCGCACTCTTGTC
 CCACGTGCCCGAGCCCTCCACCCTGCACCCTCCGCAAACACAAAACCAATCGCAAACCACGGACGCCAT
 TACCACCGCGCAGCTGCTGGCGCTTGAGCGCAAGTTTACCAGAAGCAATACTTATCCATTGCGGAGCG
 CGCCGAGTTTCTCCAGCAGCTTGAGCCTCACTGAGACTCAGGTCAAGATCTGGTTTCAGAACCGCCGAGCC
 AAAGCCAAGCGGCTGCAGGAAGCTGAGCTGGAGAAGCTGAAGCTGGCAGCGAAGCCACTACTGCCGGCGG
 CGTTTGCCTGCCCTCCCGCTGGGCACCCAGCTGCACAGCTCCGCGGCCACTTTCGGCGGCAACGCGGT
 TCCTGGGATCCTCGCCGGGCTGTCGGGCTATGGCATGTACTACTTGTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010836
Insert Size: 615 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).



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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:	<u>NM_010836.3</u> , <u>NP_034966.1</u>
RefSeq Size:	2287 bp
RefSeq ORF:	615 bp
Locus ID:	17703
UniProt ID:	<u>P70354</u>
Cytogenetics:	7 85.04 cM
Gene Summary:	Acts as a potent transcriptional repressor of MSX1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).