

Product datasheet for **MC215803**

Sox4 (NM_009238) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sox4 (NM_009238) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sox4
Synonyms:	AA682046; Sox-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215803 representing NM_009238
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTACAACAGACCAACAACCGGGAGAACACTGAGGCTCTGCTGGCCGGGAGAGCTCGGACTCGGGCG
 CCGGCCTGGAGCTGGGCATCGCGTCCTCCCGACGCCTGGCTCCACCGCTCGACGGGCGCAAGGCGGA
 CGACCCAGCTGGTGCAAGACGCCAGTGGCCACATCAAGCGGCCATGAACGCCTTTATGGTGTGGTCCG
 CAGATCGAGCGCGCAAGATCATGGAGCAGTCGCCGACATGCACAACGCCGAGATCTCCAAGCGGCTAG
 GCAAACGCTGGAAGCTGCTCAAGGACAGCGACAAGATTCGTTTCATCCAGGAGGCGGAGCGGCTGCGCT
 CAAGCACATGGCTGACTACCCTGACTACAAGTACCGGCCGCGAAAGAAGTGAAGTGGGCAACGCGGGC
 GCGGGATCGGCGGCCACGCCAAGCCAGGGGAGAAGGGCGACAAGGTCCGCGGCAGCAGCGGCCACGCGG
 GAAGCAGCCACGCGGGGGTGGCGGGCGGCAGCTCCAAGCCCGGCCAAGAAGAGCTGTGGCCCAA
 GGTGGCGGGCAGCTCGGTCGGCAAGCCACGCTAAGCTGGTCCGCGGGCGGCAGCAAGGCGGCTGCA
 TCGTTCTCTCAGAGCAAGCTGCCCTGCTGCCCTGGGGAGCCACGGCCGTCTACAAGGTGCGGACTC
 CAGTGCGGCCACTCCGGCCGCCTCCTCCTCGCCGTCCAGTGCCTGGCCACCCAGCCAAACACCTGC
 CGACAAGAAAGTGAAGCGCTACCTGTTTGAAGCCTGGGCGCTTCGGCGTCTCCCGTGGGGGCGCTG
 GGAGCGAGCGCCAGCCAGTATCCACTGGGTTGTACGAAGATGGAGGCCCGGATGCTCGCCCGATG
 GCCGGAGTCTGAGCGGCCGAGCAGCGCAGCATCATCGCCAGCCGCCAGCCGATCGCCCGCTGACCACCG
 CGGCTACGCCAGCCTACGCGCAGCCTCGCCGCCCGTCCAGCGCGCCCTCGCACGCGTCTCCTCGTCC
 TCCTCGTCTCTCCTCCTCCTCGGGCTCTTCGTGTCGCGACGACGAGTTCAAGACGACCTGCTCGACC
 TGAACCCAGCTCAAACCTTTGAGAGCATGTCCCTGGGCAGTTTCAGCTCCTCATCGGCGCTCGATCGGGA
 CCTGGATTTTAACTTCGAACCCGGCTCAGGCTCCCACTTCGAATTCCCGGACTATTGCACGCCCGAGGTG
 AGCGAGATGATCTCGGGAGATTGGCTGGAGTCCAGCATCTCTAACCTGGTCTTACCTACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_009238

Insert Size: 1323 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_009238.2](#), [NP_033264.2](#)

RefSeq Size: 2969 bp

RefSeq ORF: 1323 bp

Locus ID: 20677

UniProt ID: [Q06831](#)

Cytogenetics: 13 12.87 cM

Gene Summary: Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif.[UniProtKB/Swiss-Prot Function]