

Product datasheet for **MC216288**

Sox8 (NM_011447) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sox8 (NM_011447) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sox8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC216288 representing NM_011447
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGACATGAGTGAGGCCCGCGCCAGCCTCCCTGCAGCCCGTCTGGCACCCTAGCTCCATGTAC
ACGTGGAGGATTCGGACTCCGACGCGCCACCGTCGCCCCGCGGATCAGAGGGCTGGGCCGCGGGGG
CGGCGCCGAGGGGATACTGCTGAGGCAGCAGACGAACGCTTCCAGCCTGCATCCGTGATGCCGTGTCG
CAGGTGCTTAAGGGTTATGACTGGAGTCTGGTGCCTATGCCTGTGCGCGGCGCGGTGGCGGCACGCTCA
AGGCCAAGCCACACGTGAAGCGGCCATGAATGCCTTCATGGTGTGGGCACAGGCGGCGCCGCAAGCT
GGCGGACCAGTACCCGCATCTCCATAACGCAGAGCTCAGCAAGACCCTAGGCAAGCTGTGGCGTTGCTG
AGTGAAAGCGAGAAGAGGCCGTTGTGGAGGAGGCCGAGAGGCTCCGTGTGCAGCACAAGAAAGACCACC
CAGATTACAAATACCAGCCAAGGCGAAGGAAGAGTGTGAAGACTGGCCGAGCGACTCAGACTCTGGTAC
TGAAGTGGCCACCACCCTGGTGGTCCCATGTACAAAGCTGATGCAGTGTCTGGCGAGGCACACCATCAC
AGTGACCACCACACAGGCCAGACCCATGGGCCACCCACCCACCCACTACCCCAAGACGGACCTGCACC
AGGCGAGCAATGGAAGCAAGCAAGAGCTAAGGCTGGAAGGGCGCCGCTAGTGGACAGCGGGCGCCAGAA
CATCGACTTCAGCAATGTGGACATCTCCGAGCTCAGCAGCGAGGTTATCAGTAACATGGATACCTTCGAT
GTCCATGAATTTGACCAGTACTTGCCCTCAATGGCCACTCAGCCCTGCCACAGAGCCAGCCAGGCCA
CTGCCTCTGGCTCCTATGGAGGCGCTTCTACTCGCACTCCGGGGCAACCGGCATAGGGGCATCCCTGT
GTGGGCCACAAAGGGAGCTCCCTCGGCTTCAGCTTCGCCACAGAGGCAGGACCCCTTCGGCCACAGATC
AAGACGGAGCAGCTGAGTCTAGCCACTACAACGACCAGTACATGGCTCACCTGGCCGTGCTGACTATG
GCTTTACAGTGGCCAGGCCAGCGTCCACACAGCTGCCTCTGCCACGGCTGCCAGCTCCTTCGCCAGCGC
ACAGTGTGATTACACTGACCTGCAGGCTTCCAATACTACAGCCCTACCCTGGCTACCTCCAGCCCTC
TACCAATACCTTACTTCCATTCATCCCGTCCGCCCTATGCCTCGCCACTGCTCAATGGGCTCTCTATGC
CACCCGCACACAGCCCCAGCAGCAACTGGGACCAGCCTGTGTACACCACCCTGACCCGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011447
Insert Size:	1395 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:	<u>NM_011447.3</u> , <u>NP_035577.1</u>
RefSeq Size:	2999 bp
RefSeq ORF:	1395 bp
Locus ID:	20681
UniProt ID:	<u>Q04886</u>
Cytogenetics:	17 12.69 cM
Gene Summary:	May play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3'. [UniProtKB/Swiss-Prot Function]