

## Product datasheet for **RN203640**

### Sox8 (NM\_001106989) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sox8 (NM_001106989) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sox8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203640 representing NM\_001106989  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGACATGAGTGAGGCCCGCCAGCCGCCTGCAGCCGCTGGCACTGCTAGCTCCATGTCAC  
 ACGTGGAGGATTCAGACTCCGACGCGCCACCGTCGCCCGGGATCAGAGGGCTTGGGCCGCGGGGGG  
 CGGCGGCCGAGGGGATACCGCTGAGGCAGCAGACGAACGCTTCCAGCCTGCATCCGTGATGCCGTGTCG  
 CAGGTGCTTAAGGGCTATGACTGGAGTCTGGTGCCTATGCCGGTGCAGCGCGGGTGGCGGCACACTCA  
 AGGCCAAGCCACAGTGAAGCGGCCATGAATGCCTTCATGGTGTGGGCACAGGCGCGCCGCAAGCT  
 GCGCGACAGTACCCGCATCTCCATAACGCAGAGCTCAGCAAGACCCTGGCAAGCTGTGGCGCTTGTG  
 AGTGAAGCGAGAAGCGCCATTCTGGAGGAGGCCGAGAGGCTCCGTGTGCAGCACAAGAAGGACCACC  
 CAGATTACAAATACCAGCCGAGGAGAAGGAAGAGTGTGAAAACCGCCGAGCGACTCGGACTCTGGTAC  
 TGAAGTGGCCACCACCCTGGTGGTCCCATGTACAAAACGGACACAGTGTAGGTGATGCACACCCGCAC  
 AGCGACCACACAGGCCAGACCCATGGGCCACCCACCCACCCACCCCAAGCGGACCTGCACCAGG  
 CCAGCAATGGAAGCAAGCAAGAGCTAAGGCTGGAAGGGCGCCGCTGGTGGACAGCGGGCCAGAACAT  
 CGACTTCAGCAATGTGGACATCTCCGAGCTCAGCAGCGAGTTATCAGTAACATGGATACCTTCGATGTC  
 CACGAGTTTGACCACTTACCCTCAATGGCCACTCAGCCCTGGCCACTGAGCCAGCCAGGCCACTG  
 CCTCTGGCTCCTATGGAGGCGCTTCTACTCCACTCCGGTGCAACTGGCATAGGCGCATCCCCTGTGTG  
 GGCCACAAGGGAGCTCCCTCGGCTCAGCCTCGCCACAGAGGCGAGCCCTTCGGCCACATATCAAG  
 ACGGAGCAGCTGAGTCCAGCCATTACAACGACCAGTACACGGCTCACCCGGCTGCCACTATGGCT  
 CCTACAGCGCCAGGCCAGTGTACCACGGCTGCCTCGCCACAGCTGCCAGCTTTTCGCCAGCGCACA  
 GTGTGACTACACTGACCTGCAGGCTTCCAATACTACAGCCCTACCCTGGCTACCCTCCAGCCTCTAT  
 CAATACCTTACTTCCATTATCCCGCCGCTATGCCTCGTCACTGCTCAATGGGCTCTCCATGCCCC  
 CCGCACACAGCCAGCAGCAACTGGGACCAGCCTGTGTACACCACCCTGACCCGGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106989

**Insert Size:** 1392 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:**

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\\_001106989.1](#), [NP\\_001100459.1](#)

RefSeq Size: 3244 bp  
RefSeq ORF: 1392 bp  
Locus ID: 302993  
Cytogenetics: 10q12