

Product datasheet for **RN204652**

Sox13 (NM_001105952) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sox13 (NM_001105952) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sox13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204652 representing NM_001105952
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCCGTGCAGAGCCCCGTCTCTGTGCAGCTGGCCCCAGACAGCGCTAGCACCATGGTGAAGTGCACCG
 TCAAGTCTGAGGAGAAGAAGGAGCCTTGCCACGAAGCTCCCAAGGCACAGCCACTGCAGTGGAGCCCCA
 GCCTGGAGACCCAGCCCTGGCCTCTCAGGATGCCACCAACTCCAAGCCCTGCTCAGGACTGTGCCTCA
 CCACAGAGCAGTGGGTCCCCAGACCCCAAGAGACCAGCAGCTTCCGAGGCTGCTTCGGAAGCCAGGAGC
 GGCTGGACTTCAACCGCAACTTACAGGAAGTTGTTCCAGCCATTGAGAAGCTGCTGTCCAGTACTGGAA
 GGAGAGGTTTCTGGGAAGAAGCTCTGTGGAAGTAAGGATGTCAAAGGGACCCAAAGAGAGCCTGGCTGAG
 AAGGAGCTCCAGCTTCTGGTCATGATCCATCAGCTCTCCGCCCTTCGGGACCAGCTCCTACGGCCCACT
 CTGAGCAGAAGAACATGGCTGCCATGCTGTTTGGAAAACAGCAGCAGCAGATGGAAGTGGCCAGGCAGCA
 GCAGGAGCAGATGCCAAGCAACAGCAGCAGCTGATTCAGCAGCAGCACAAAGATCAACCTCTCCAGCAG
 CAGATCCAGGTTAACATGCCTTATGTCATGATCCCGGCCCTTCCCTCAAGTCAACAGCCTTTGCCTGTCA
 CTCTGACTCCCAGCTGGCTTGGCCATTAGCCATTCCCTGCAAGCCAGTGGAGTACCCACTGCAGCT
 GCTGCACAGCCCGCTGCCCCCGTGGTGAAGAGCCCTGGGGTGGCCACCCACCACCCCTGCAGGAGCCC
 CCACAACCACTGAACCTCACAGCCAAGCCCAAGGCTCTGTGAGCTACCCAACACCTCCAGCTCTCCAGCC
 TGAAGATGAACAGTTGTGGGCCTCGCCCTCCAGCCATGGGGCTCCCAAGGGATCTGCAGTCCAGCCC
 CCCGAACCTGCCTCTGGGCTTCTTGGGAAGGGGACGCTGTACCAAGCCATCCAGGATGCTCGGCAA
 CTGCTACACAGCCACAGTGGGGCCTTGGAAAACCCCCAGTCCCCATTCCGAAAGGACCTCATCAGCC
 TGGACTCCTCCCAGCCAAGGAGCGGCTGGAGGAGAAGTGTGTGCATCCCCTGGAGGAAGCCATGCTGGG
 CTGTGACGTGGATGGCTCTCGCCATTTCTCCGAGTCTCGGAACAGCAGCCACATCAAGAGACCCATGAAT
 GCCTTCATGGTGTGGGCAAGGATGAGCGGAGGAAAATTCTTCAAGCCTTCCAGATATGCATAACTCCA
 GCATCAGCAAGATCCTTGGTTCTCGCTGGAAGTCCATGACCAACCAGGAGAAGCAGCCGACTACGAGGA
 GCAGGCCCGTCTGAGCCGACAGCACCTGGAGAAAATATCCCGACTACAAGTACAAGCCAAGGCCTAAACGC
 ACCTGTGTCTGGAGGGCCGGCGGCTGCGAGTGGGCGAGTACAAAGCCCTGATGAGGACACGGCCAGG
 GTGCTCGCCAAAGCTACGCCATCCCCCGCAGGCTGGCCAGGCACAGGTGAGCTCAGATATCCTGTTCCC
 TCGGGCAGCAGGCATGCCCTTGGCAGTCCACTGGTGGAGCACTATGACCCCAAGGCCTGGACCCCAAC
 ATGCCTGTATCATCAATACCTGCAGTCTCCGGGAGGAAGGGGAGGGCACAGATGACAGGCACTCGGTGG
 CCGATGGAGAGATGTACCGGTACAGCGAGGATGAGGACTCAGAGGGTACGAGAAGAGTGGAGGAGCT
 GGTGTAATCACAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105952
- Insert Size:** 1839 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_001105952.1](#), [NP_001099422.1](#)

RefSeq Size: 3563 bp

RefSeq ORF: 1839 bp

Locus ID: 289026

Cytogenetics: 13q13