

Product datasheet for **MR225691**

Sox5 (NM_001113559) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sox5 (NM_001113559) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sox5
Synonyms:	A730017D01Rik; AI528773
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR225691 representing NM_001113559
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTACTGACCCTGATTTACCTCAGGAGTTTAAAAGGATGTCTTCCAAGCGACCAGCCTCTCCGTATG
 GGGAGACAGATGGAGAGGTAGCCATGGTGACAAGCAGACAGAAAAGTGAAGAGGAGGAGAGTGAGAGGCT
 CCCAGCCTTTACCTTCCCTTACATGTGAGTTTTCCCAACAAGCCTCACTCTGAGGAATTCAGCCAGTT
 TCTCTGCTGACGCAAGAGACTTGTGGTCTAGGACCCCACTGTGCAGCACAACAATGGAAGTCGATG
 GCAATAAAGTTATGTCTTATTAGCTCCATACAACCTATCTACCTCACCTCAGAAGGCGGAAGAAGTGG
 GCGACAGAGTGGCGAGTCCGTGTGAGCGCAGCCCTGGGACTCCCGAGCGGCGCAAGGGCAGCTTAGCG
 GATGTGGTGGACACCCTGAAGCAGAGGAAGATGGAAGAGCTGATCAAGAATGAGCCAGAAGACACTCCCA
 GTATTGAAAAGCTACTCTCCAAGGACTGGAAGACAAGCTCCTGGCAATGGGATCAGGGAACCTTTGGAGA
 AATAAAAGGGACTCCTGAGAGCCTCGTGAGAAGGAGCGGCAGCTCATGGGTATGATCAATCAGCTGACC
 AGTCTACGGGAGCAACTCCTGGCTGCCACGATGAGCAGAAGAAGTTGGCTGCATCTCAGATAGAGAAAAC
 AGCGTCAGCAGATGGAGCTGGCCAAGCAGCAACAGGAGCAGATCGCGAGGCAACAGCAGCAGCTTCTGCA
 GCAACAACACAAAATCAACTTGCTTTCAGCAACAGATCCAGCAGGTTCAAGGTCAGCTGCCGCCATTGATG
 ATTCCTGTTCCCTCCTGACCAGCGGACCCTCGCAGCAGCTGCCCAGCAAGGATTCCTCCTTCTCCTG
 GTTTCAGTACAAGGCTGGGTGCAGTGACCCTTACCCTGTTTCAGCTGATCCCAACCACTATGGCAGCTGC
 TGCTGCAGCAACACCAGGCTTAGGCCACTCCAGCTGCAGGATGAAGTGGCCAGCCACTGAACCTATCA
 GCTAAGCCCAAGACCTCTGATGGCAAATCACCTGCATCACCCACTCTCCTCACATGCCAGCTCTGAGAA
 TAAACAGTGGGGCTGGCCCCCTCAAAGCCTCTGTCCCGCAGCATTAGCTAGTCTTCTGCAAGATTAG
 CACAATAGGCTATTTAAATGACCACGATGCTGTACCAAGGCAATCCAAGAAGCTCGCCAGATGAAAGAG
 CAACTCAGGCGAGAGCAGCAAGCCTTGGACGGGAAGGTGGCCGTGGTGAACAGCATAGGTCTCAGCAACT
 GCCGACAGAAAAGGAAAAAACAACACTGGAGAGCCTGACTCAGCAGTTGGCAGTTAAACAGAATGAAGA
 AGGGAAATTTAGCCATGGAATGATGGATTTCAATATGAGTGGAGATTCTGACGGAAGCGCTGGAGTCTCA
 GAGTCAAGAAATTTACAGGGAATCCAGGGGACGTGGTAGCAACGAGCCCCACATAAAGCGTCCAATGAATG
 CCTTCATGGTGTGGCGAAAAGATGAACGGAGGAAAATCCTTCAGGCCTTCCCGACATGCACAATCCAA
 CATCAGCAAGATACTGGGATCTCGCTGGAAGCTATGACCAACCTAGAGAAAACAGCCATACTATGAGGAG
 CAGGCCCGCCTCAGCAAACAGCACCTGGAGAAGTACCCGACTACAAGTACAAGCCTAGGCCAAAGCGCA
 CCTGTCTGGTGGACGGCAAGAACTGCGTATCGGGGAGTACAAGGCCATCATGCGGAACCGGAGGCAGGA
 AATGCGACAGTACTTCAACGTTGGGCAACAAGCACAGATCCCCATCGCGACGGCCGGAGTTGTATACCCC
 AGCGCCATCGCCATGGCAGGAATGCCGTCCCCTCACCTGCCCTCCGAGCACTCGAGCGTGTCCAGCAGCC
 CGGAGCCCGGGATGCCCGTATCCAGAGCACTTACGGCGCAAGGGAGAGGAGGCCCCACATCAAGGAAGA
 GATCCAGGCTGAGGACATCAACGGAGAGATTTACGAGGAGTACGATGAGGAGGAGGAGGCCCGGATGTG
 GATTATGGGAGTGACAGCGAAAACCACATTGCGGGACAAGCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001113559.2](#), [NP_001107031.2](#)

RefSeq Size: 7187 bp

RefSeq ORF: 2148 bp

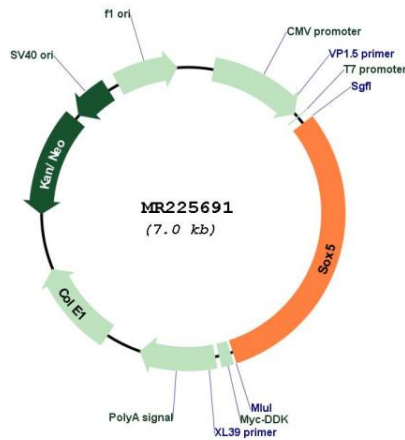
Locus ID: 20678

Cytogenetics: 6 76.14 cM

MW: 79.7 kDa

Gene Summary: Binds specifically to the DNA sequence 5'-AACAAAT-3'. Activates transcription of COL2A1 and AGC1 in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225691