

Product datasheet for **MR231143**

Sox6 (NM_001277327) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sox6 (NM_001277327) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sox6
Synonyms:	AI987981; SOX-LZ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR231143 representing NM_001277327
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTTCCAAGCAAGCCACCTCTCCATTTGCCTGTACAGCGGATGGAGAGGAAGCAATGACCCAGGACT
TGACCTCAAGGGAAAAGGAAGAGGGCAGTGATCAACACCCGGCCTCCCATCTGCCTCTGCACCCATAAT
GCACAACAAACCTCACTCTGAGGAGCTGCCTACACTTGTCACTACCATTCAACAAGATGCTGACTGGGAC
AGCGTTTGTCTATCTCAGCAAAGAATGGAGTCAAGAAATAAAGTTATGTTCCCTATATTCCTCCGAA
ATACGTCTACCTCACCACATAAGCCTGACGAAGGGAGTCGGGAGCGTAAATAATGAACAGTGTTACTTT
TGGAACCCCGGAACGCCGAAAGGGAGCCTTGCCGATGTGGTGGATACGCTGAAGCAGAAGAAGCTGGAG
GAGATGACTCGGACAGAACAAGAGGATTCCTCCTGCATGGAAAACTACTTTCAAAGATTGGAAGGAAA
AAATGGAAGACTAAATACGAGTGAACCTCTTGGAGAAAACAAAGGTACACCTGAGAGCCTTGACAGAA
AGAACGGCAACTCTCCACATGATTACCCAGCTGATCAGCTTGGGGAGCAGCTCCTGGCAGCCCATGAT
GAACAGAAAAAGCTGGCAGCATCGCAGATCGAGAAACAGCGGCAGCAAATGGACCTTGCTCGCCAACAGC
AAGAACAGATCGCAAGACAACAGCAGCAACTTCTACAGCAGCAGACAAGATTAATCTCCTCGACAAACA
GATCCAGCAGGTTCAGGGGCACATGCCTCCGCTCATGATCCCAATTTTTCCACATGACCAGCGGACCTTG
GCAGCAGCTGCTGCTGCCAACAGGGATTCTCTTCCCCCTGGAATAACATAACAAGCCAGGTGATAACT
ACCCCGTACAGTTCATCCGTCACAATGGCAGCTGCTGCTGCTTCTGGACTCAGCCCTTACAGCTTCA
GCAGCTCTATGCCGCTCAGCTGGCCAGCATGCAGGTGTCACCTGGAGCAAAGATGCCATCAACTCCACAG
CCACCAAACCTGGCAGGGGAGTCTCACCTACTGGGATAAAAAATGAAAAGAGAGGGACCAGCCCTGTAA
CTCAAGTTAAGGATGAAACAACAGCCAGCCGCTGAATCTCTCATCCCGCCTAAGACAGCAGAGCCTGT
GAAGTCCCAACATCTCCACCCAGAACCTCTTCCAGCCAGCAAACCCAGCCCTGTCAACCTGCCAAAC
AAAAGCAGCATCCCCAGCCCATTTGGAGGAAGCCTGGGGAGAGGATCCTCTAGATATACTATCCAGTC
TCAACTCTCCTGCCCTGTTGGGGACCAGGACACAGTGTAAAGCCATTGAGGAGGCTCGGAAGATGCG
AGAACAGATCCAGCGGGAGCAACAACAGCAGCCACACGGAGTTGATGGGAACTGTCTCCATGAACAAC
ATGGGGCTGAGCAACTGCAGGACTGAGAAGGAAAGAACACGCTTTGAGAACCTGGGTCCCAATTAACAG
GAAAGTCAAGTGAAGATGGAAGTGGGAACTGGGCCGGGTGTCATCGATCTCACTCGGCCAGAGGACGAGAAGG
AAGCAAAGCAATGAATGGCTCTGCAGCTAACTACAGCAGTATTATTGTTGGCCAACAGGAGGCCCACT
GTGGCTGAAGCCGTGTCTACAGGGATGCCCGCGCCGTGCCAGCAGCGAACCCACATCAAGCGACCAA
TGAAATGCGTTTATGGTTTGGGCAAAGGACGAAAGGAGGAAAAATCTTTCAGGCCTTCCCTGACATGCATAA
CTCCAACATTAGCAAAATCTTAGGATCTCGCTGGAAATCCATGTCCAACAGGAGAAGCAACCTTACTAT
GAAGAACAGGCCCGGCTAAGCAAAATCCACCTAGAGAAGTACCAAACTACAAGTACAAACCCCGGCCGA
AGCGCACATGCATCGTGGATGGCAAGAAGCTCCGGATTGGGGAGTACAAGCAACTGATGCCTCGCGAAG
GCAGGAGATGCGACAGTTCTTCACTGTGGGGCAACAGCCTCAGATGCCCATCACACAGGAACAGGTGTT
GTGTATCCTGGTGTATTACTATGGCAACGACCACACCATCACCTCAGATGACATCTGACTGCTCTAGCA
CCTCTGCCAGCCCGAGCCAGCCTCCCTGTATCCAGAGCACGTATGGTATGAAGATGGACGGCGCAAG
CCTGGCTGGGAACGACATGATTAATGGAGAGGATGAAATGGAAGCCTATGACGACTACGAAGATGATCCC
AAATCAGACTATAGCAGCGAGAATGAGGCCCCAGAGCCTGTCAAGTCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231143 representing NM_001277327
 Red=Cloning site Green=Tags(s)

MSSKQATSPFACTADGEEAMTQDLTSREKEEGSDQHPASHLPLHPIMHNKPHSEELPTLVSTIQDADWD
 SVLSSQQRMESENKCLSLYSFRNTSTSPHKPDEGSREREIMNSVTFGTPERRKGLADVDTLKQKKLE
 EMTRTEQEDSSCKEKLKSKDWKEKMERLNTSELLGEIKGTPESLAEKERQLSTMITQLISLREQLLAHD
 EQKKLAASQIEKQRQMDLARQQEQIARQQQLLQQQHKINLLQQQIQVQGHMPPLMIPIFPHDQRTL
 AAAAAAQGFLLFPPGITYKPGDNYPVQFIPSTMAAAAASGLSPLQLQLYAAQLASMQVSPGAKMPSTPQ
 PPNSAGAVSPTGIKNEKRGTSPTVQVKDETTAQPPLNLSSRPKTAEPVKSPTSPTQNLFPASKTSPVNLPN
 KSSIPSPIGGSLGRGSSLDILSSLNSPALFGDQDTVMKAIQEARKMREIQREQQQPHGVDGKLSMNN
 MGLSNCRTEKERTRFENLGPQLTGKSSDGLGPGVIDLTRPEDAEGSKAMNGSAAKLQYYCWPTGGAT
 VAEARVYRDARGRASSEPHIKRPMNAFMVWAKDERRKILQAFPMHNSNISKILGSRWKSMSNQEKPYY
 EEQARLSKIHLEKYPNYKYKPRPKRTCIVDGKKLRIGEYKQLMRSRRQEMRQFFTVGQQPQMPITGTGV
 VYPGAITMATTPSPQMTSDCSSTSASPEPSLPVIQSTYGMKMDGASLAGNDMINGEDEMEAYDDYEDDP
 KSDYSSENEAEPEPVSAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_001277327.1](#), [NP_001264256.1](#)

RefSeq Size: 8722 bp

RefSeq ORF: 2364 bp

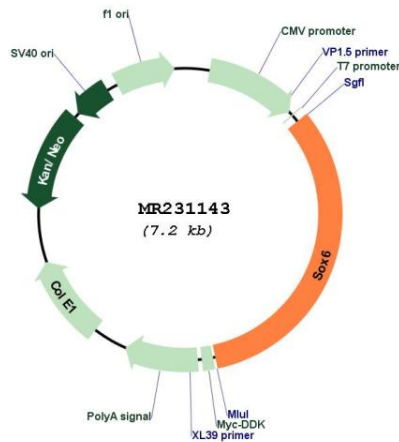
Locus ID: 20679

Cytogenetics: 7 61.29 cM

MW: 87.8 kDa

Gene Summary: This gene encodes a member of a family of transcriptional regulators containing high mobility group (HMG) DNA-binding domains. Function of the encoded protein is important for proper cardiac and skeletal development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]

Product images:



Circular map for MR231143