

Product datasheet for MR223739

Sox1 (NM_009233) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Sox1 (NM_009233) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Sox1
 Synonyms: BB176347; Sox-1
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR223739 representing NM_009233
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

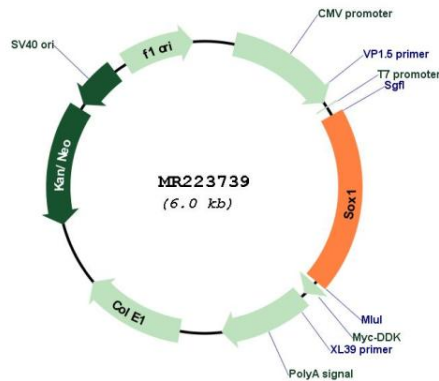
ATGTACAGCATGATGATGGAGACCGACCTGCACTCGCCCGGGCGGCCAGGCGCCACGAACCTCTCGG
 GCCCGGCCGGGGCGGGCGGGGGCGGGTGGGGCGGGGGCGGGCGGGCGGGCGGGGGCACCAAGGCCAA
 CCAGGATCGGGTCAAGCGGCCATGAACGCCTTCATGGTGTGGTCCCGCGGACAGCGGCCAAGATGGCC
 CAGGAAAACCCCAAGATGCACAACCTCGGAGATCAGCAAGCGCCTCGGGCCGAGTGAAGGTCATGTCCG
 AGGCCGAGAAGCGCCGTTTCATCGACGAGGCCAAGAGACTGCGCGCGCTGCACATGAAGGAACACCCGGA
 TTACAAGTACCGCCCGCCGCAAGACCAAGACGCTGCTCAAGAAGGACAAGTACTCGCTGGCCGCGGG
 CTGCTAGCGGCCCGCGGGTGGCGGCGCGGCCGTGGCCATGGGTGTGGCGTGGCGTGGGGCGG
 CGGCGGTGGGCCAGCGCTTGAGAGCCAGGCGGCGCGGGAGGAGGTACGCGCATGTCAACGGCTG
 GGCTAACGGCGCCTACCCCGGCTCGGTGGCCGCGCGGCTGCGGCCGCGGCCATGATGCAGGAGGCACAG
 CTGGCCTACGGGCAGCACCCAGGCGGGCGGCGCACCCGCACGCACACCCGGCGCACCCGCACCCGC
 ACCATCCGCACGCGCATCCTCACAACCCGAGCCCATGCACCGCTACGACATGGGCGCGTGCAGTACAG
 CCCCATCTCCAACCTCAGGGCTACATGAGCGCGTCGCTTCGGGCTACGGCGGCATCCCTACGGCGCC
 CGGCGCGCCGCGCCGCGTGGGGCGGCGGCACAGAACTCGGCGGTGGCGGAGCGGCGAGCCGCGCC
 CAGCCGCGTCTCGGGGGCCCTGGGCGCCCTCGGATCTCTGGTCAAGTTCGAGCCGAGCGGAGTCCGCG
 GGCCCCGCTCACTACGGGCACCGTGTCCCGGGACCTGCGCGAGATGATCAGCATGTACCTGCCCGCC
 GGCGAGGGTGGCGACCCGGCGGCGGCGGCGGCTGCGGCGGCCAAAGCCGGTGCCTCGCTGCCACAGC
 ACTACCAGGGCGCGGGCGGGCGTCAACGGCACGGTGCCCTGACGCACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_009233.3</u> , <u>NP_033259.2</u>
RefSeq Size:	4037 bp
RefSeq ORF:	1176 bp
Locus ID:	20664
UniProt ID:	<u>P53783</u>
Cytogenetics:	8 5.73 cM
MW:	39.5 kDa
Gene Summary:	Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223739