

Product datasheet for **MC221590**

Sox30 (NM_173384) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sox30 (NM_173384) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sox30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221590 representing NM_173384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAGAGCCAGGCCGGAGCCACCGCCGCCACCGCCGCCCGCCGCCCGCCGCAACCGCCGGGCCACCC
 CTCGCGCCCGTTGCGCCCGCTCCGCCCGCGCAGCCCGTCGAGGCCGCCACCTTCGGGCCGCGGCCGC
 AGAGCGCTCCAGTCGCGCTCGGCTCAGGCCACGGCCGCCATGGCCGCGGTGGCCTCGTCTGCGGGGAG
 GCCGCGCGCGGGTGCAGAGCGGCAGGGACGCGACGCCTGCTGCAAGTGAAGCCGAACAGGTGCTGC
 TGCTGCCTCCCGAGGACCGGGGTGCCTCCGGCTCCGACGAGGGCGCAGCCGCCCGCCGCTGCCGC
 TGCCGCCCGCCCTCGTCCGCGCAGGCGCGCTGCTGCAGCTGAGGCCGGAGCTGCTGCTTTGCCCTCCG
 CAGTCCCGCGCCGACGGAGGCCCTGCAGGCCGGAGCTGCACCCATGCAGCCCCGACGCTGCTCGTCA
 AGGCCGAGAAGCAAGAGCTGGGGCGGGCTTGGACCTGTCGGTGGGATCTCGGAGGACCACCGAGGCCGG
 CCCGAGAGCCTCGAGGGCCGCCAAGTTGGATGGCACCGGAAGGCCCTCGACGGCCGCCAAGCGATGAG
 AAGAAAGCCAAGCTGGAGGCAGAGGAGGCTCCGAGGGATGCGCTGAAAGGCGGGGAAGGCAAGAGCCTGC
 TGGCCATCGGAGAAGGAGTCATCAAGACGGAGGAGCCAGACAGACCCAGGGACGATTGTAGGCTGGGCAC
 GGAGGCCACGTCCAATGGCTGGTCCACAGCAGCAAGGAGGCCATCCTGGCCAGCCGCCTAGTGTCTTT
 GGGCCACACCAGCAAGACCTAAGGTTCCCTTTGACACTCCACACCGTCCACCTGGAGCCGATCCAGT
 TTCAGGGGCTCCGCCTTCTGAGTTGATACGGTTGTCCAAAGTCCCCCTGACACCAAGTGCCTATTA
 GCAGTCTTGTGGAGCCTTCTGTAAAAATTGAAACCAAGATGTCCCCCTACCGTGTGCCCTCAGT
 GCAGGAATACCTGATACTCCCTCAGTAAGGACAGAAATGGTCAATGTGAAGCGACCCATGAATGCATTTA
 TGGTTTGGCAAGAATCCACCGCCAGCACTAGCCAAAGCTAACCCAGCCGCCAACAATGCAGAAATCAG
 TGTCAGCTCGGGTTAGAGTGGAAACAACTTAGTGAAGAACAAAAGAAACCTTATTATGATGAAGCACAA
 AAGATTAAGAGAAGCACAGAGAGGAGTTTCTGGTTGGTTTATCAGCCTCGTCCAGGGAAGCGAAAAAC
 GCTTCCCTCTAAGTGTTCCTAATGTATTTCTGGTACCACACAGAATATTATCTCTACAAATCCTACAAC
 AATTTATCCTTATCGCTCACCTACCTACTCTGTGGTAATCCCGGCTTCAGAACACCATCACTCATCCA
 GTTGGTGAAGCCCTCCTGCCATCCAGCTGCCACACCTGCAGTCCAGCGCCCAAGTCCCATCACACTTT
 TCCAGCCAGCGTCTCCAGCACTGGCCAGTGGCCGTCGCCCTCCAAGCCTGACGCCCCGCCATCACT
 CCCACCTCAGCGTTTTCTGGCCCTCCCAAAGTACATTATAGGCTCCCTTCGGGAAGCAGTCCGCTCT
 GTGAAGAGATCCACTCCAGGCTCTCTGGAGAGCACCAGGATCCAGCTGGTGAAGTACTGCCCATG
 CCAGATTTGCAACCTCGCTATCCAGCCTCCTAAGGAGTATGCCAGCGTTTCCACTGTCCCCGAAGCAC
 TCCGATACCCCGGCGACTCCCATTCCACACTCACACGTCTATCAGCCCCACCCCTTGGCCATCCAGCC
 AACTGTTTGGGACACCCTCGGTTCTCTTTTATCACCTTACTTCTACCTGGACCTCATTACTTCC
 CGTCAAGCACGTGCCCTTATAGTCGGCCTCCCTTTGGCTATGAAATTTTCCAAGTTCAATGCCAGAATG
 TCTTGGTACTATGAAGACAGATACAAAAACATGAGGCTATCTTTTTCAGCTTTAAATAGAGACTATCCT
 TTCAGAGACTATCCAGATGAGCACACACAGTGAAGACTCTCGGAGCTGTGAGAGCATGGACGGGCCCC
 CTTACTACAGCAGCCATGGCCACGGTGGGAAGAGTACTTGAATGCCATGCCACTCTGGACATTGGAGC
 CTTGGAGAATGTCTTACAGCCCCAGCCTCAGCCCCCTCTGGTGTCCAGCAAGTCAATGTCACTGACAGC
 GACGAGGAGGAAGAAGAAAAAGTCTCAGGAATTTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173384
Insert Size: 2349 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_173384.2 , NP_775560.1
RefSeq Size:	2995 bp
RefSeq ORF:	2349 bp
Locus ID:	214105
UniProt ID:	Q8CGW4
Cytogenetics:	11 27.49 cM
Gene Summary:	Transcriptional activator. Binds to the DNA sequence 5'-ACAAT-3' and shows a preference for guanine residues surrounding this core motif (By similarity).[UniProtKB/Swiss-Prot Function]