

Product datasheet for **RC201586**

SOX15 (NM_006942) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SOX15 (NM_006942) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SOX15
Synonyms: SOX20; SOX26; SOX27
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC201586 representing NM_006942
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCTACCAGGCTCCTCACAGGACCAGGCCTGGAGCCTGGAGCCTCCGGCTGCCACGGCTGCTGCCT
CCTCATCTTCGGGACCCAGGAGCGGGAGGGCGCTGGGAGCCCCGCGCCCCGGGACGCTGCCCTGGA
GAAGGTGAAGCGCCGATGAACGCGTTCATGGTGTGGAGCTCCGCTCAGCGCCGCCAGATGGCGCAGCAG
AACCCCAAGATGCACAACTCCGAGATCTCAAGCGCTGGGCGCGCAGTGAAGCTGCTGGACGAGGACG
AGAAGCGGCCCTTCGTGGAGGAGCCAAGCGGCTCCGCGCCGACACCTGCGCGACTACCCGACTACAA
GTACCGGCTCGGCGCAAGGCCAAGAGCTCGGGCGCCGACCTTCCCGCTGCGGACAGGGAAGAGGCAAC
CTGGCCAGCGGCCGCCCTCTGGGGCCGGGTACGCGACCACCAACCGAGCAGAGGCTTTGGGTACA
GACCCCCAGCTACTCGACAGCCTACCTGCCTGGCAGCTATGGCTCTTCCCACTGCAAACTGGAAGCCCC
CTCACCCTGCTCCCTCCCTCAGAGTGACCTAGGCTCCAGGGGAACTGCTGCCACCTATACCCACTAC
CTGCCCTGGCTCTCCCACTCCATACAACCTCCCTTGGTGGTGGCCCATGCCCTAACCCACTC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC201586 representing NM_006942
 Red=Cloning site Green=Tags(s)

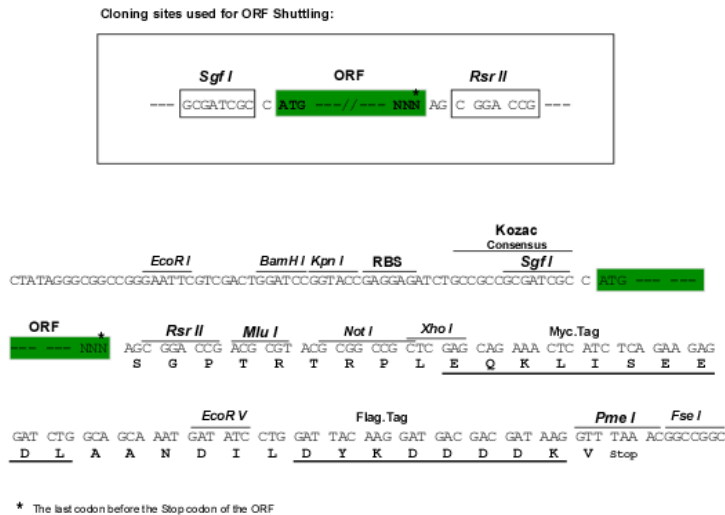
MALPGSSQDQAWSLEPPAATAAAASSSSGPQEREGAGSPAAPGTLPLEKVKRPMNAFMVSSAQRQMAQQ
 NPKMHNSEISKRLGAQWKLLEDEKRPFVEEAKRLRARHLRDYPDYKYRPRRKAASSGAGPSRCGQGRGN
 LASGGPLWGPYATTQPSRFGYRPPSYSTAYLPGSYGSSHCKLEAPSPCSLPLQSDPRLQGELLPTYTHY
 LPPGSPTPYNPPLAGAPMPLTHL

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1597_a09.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_006942

ORF Size: 699 bp

OTI Disclaimer: 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](#)

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:

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_006942.2](#)

RefSeq Size: 1394 bp

RefSeq ORF: 702 bp

Locus ID: 6665

UniProt ID: [O60248](#)

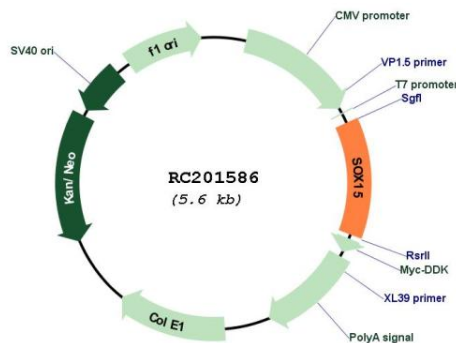
Cytogenetics: 17p13.1

Protein Families: Transcription Factors

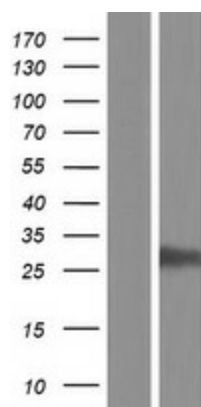
MW: 25.1 kDa

Gene Summary: This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC201586



Western blot validation of overexpression lysate (Cat# [LY416305]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201586 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).