

## Product datasheet for **RG220681**

### SOX11 (NM\_003108) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SOX11 (NM_003108) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SOX11
Synonyms:	CSS9; MRD27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220681 representing NM_003108 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCAGCAGGCGGAGAGCTTGAAGCGGAGAGCAACCTGCCCGGGAGGCGCTGGACACGGAGGAGG  
GCGAATTCATGGCTTGCAGCCCGTGGCCCTGGACGAGAGCGACCCAGACTGGTGAAGACGGCGTCGGG  
CCACATCAAGCGGCCGATGAACCGTTCATGGTATGGTCCAAGATCGAACGCAGGAAGATCATGGAGCAG  
TCTCCGGACATGCACAACGCCGAGATCTCAAGAGGCTGGCAAGCGCTGAAAAATGCTGAAGGACAGCG  
AGAAGATCCCCTTCATCCGGGAGGCGGAGCGGCTGCGGCTCAAGCACATGGCCGACTACCCCGACTACAA  
GTACCGGCCCGGAAAAAGCCAAAATGGACCCCTCGGCCAAGCCAGCGCCAGCCAGAGCCAGAGAAG  
AGCGCGGCCGGCGGCGGCGGGAGCGCGGGCGGAGGCGCGGGCGGTGCCAAGACCTCCAAGGGCTCCA  
GCAAGAAATGCGCAAGCTCAAGGCCCCCGCGGCCGCGGGCGCAAGGCGGGCGCGGGCAAGGCGGCCCA  
GTCCGGGGACTACGGGGCGCGGGCAGCAGTACGTGCTGGGACGCTGCGCGTGAAGCGGCTCGGGCGGC  
GGCGGCGCGGCAAGACGGTCAAGTGCCTGTTTCTGGATGAGGACGACGACGACGACGACGACGACGACG  
AGCTGCAGCTGCAGATCAAACAGGAGCCGACGAGGAGGACGAGGAACACCGCACCAGCAGCTCCTGCA  
GCCCGCGGGCAGCAGCCGTCGACGCTGCTGAGACGCTACAACGTCGCCAAAGTGCCCGCCAGCCCTACG  
CTGAGCAGCTCGGCGGAGTCCCCGAGGGAGCGAGCCTCTACGACGAGGTGCGGGCGGGCGGCGGCGG  
GCGCCGGGGCGGCGAGCCGCTCTACTACAGCTTCAAGAACATCACCAAGCAGCACCCGCGCCGCTCGC  
GCAGCCCGCGCTGTCGCGCGCTCCTCGCGCTCGGTGTCCACCTCCTCGTCCAGCAGCAGCGGCAGCAGC  
AGCGGCAGCAGCGGCGAGGACGCCGACGACCTGATGTTGACCTGAGCTTGAATTTCTCTCAAAGCGCGC  
ACAGCGCCAGCGAGCAGCAGCTGGGGGGCGGCGGGCGGGGAACTGTCCCTGTCGCTGGTGGATAA  
GGATTTGGATTCGTTAGCGAGGGCAGCCTGGGCTCCCACTTCGAGTTCCCCGACTACTGCACGCCGGAG  
CTGAGCGAGATGATCGCGGGGACTGGCTGGAGGCGAATTCTCCGACCTGGTGTTCACATAT

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_003108.4](#)

**RefSeq Size:** 8737 bp

**RefSeq ORF:** 1326 bp

**Locus ID:** 6664

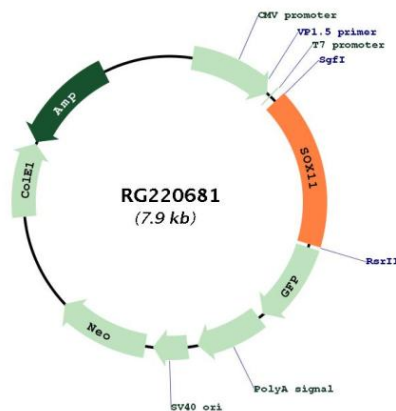
**UniProt ID:** [P35716](#)

**Cytogenetics:** 2p25.2

**Protein Families:** ES Cell Differentiation/IPS, Induced pluripotent stem cells

**Gene Summary:** This intronless 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. The protein may function in the developing nervous system and play a role in tumorigenesis. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RG220681