

Product datasheet for **RG224471**

SOX21 (NM_007084) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: SOX21 (NM_007084) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: SOX21
 Synonyms: SOX25
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG224471 representing NM_007084
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCAAGCCGGTGGACCACGTCAAGCGGCCATGAACGCCTTCATGGTGTGGTCGCGGGCTCAGCGGC
 GCAAGATGGCCCAGGAGAACCCCAAGATGCACAACCTCGGAGATCAGCAAGCGCTTGGCGCCGAGTGGAA
 ACTGCTCACAGAGTCGGAGAAGCGGCCGTTTCATCGACGAGGCCAAGCGTCTACGCGCCATGCACATGAAG
 GAGCACCCGACTACAAGTACCGGCCGCGCGCAAGCCCAAGACGCTGCTCAAGAAGGACAAGTTCGCT
 TCCCGGTGCCCTACGGCCTGGGCGCGTGGCGGACGCCGAGCACCTGCGCTCAAGCGGGCGCCGGGCT
 GCACGCGGGGGCGGGCGCGGCCTGGTGCCTGAGTCGCTGCTCGCCAATCCCGAGAAGGGCGCCGCGGCC
 GCCGCGCTGCCCGCCACGCGTCTTCCCGCAGTCGCGCCGCTGCCGCGCCGCTGCCCGCCGCGCCG
 CCGCCGCGGGCAGCCCTACTCGCTGCTCGACCTGGGCTCCAAAATGGCAGAGATCTCGTCGTCCTCGTC
 CGGCTCCCGTACGCGTCGTCGCTGGGCTACCCGACCGGGCGCGGGCGCCTTCCACGGCGCGGGCGG
 GCGGCTGCAGCGGGCGCCGCGCGGGGGGCACACGCACTCGCACCCAGCCCGGGCAACCCGGGCT
 ACATGATCCCGTGCAACTGCAGCGGTGGCCAGCCCCGGGCTGCAGCCGCCGCTCGCTACATCCTGCT
 GCCGGGATGGCAAGCCCCAGCTGGACCCCTACCCCGGGCCTACGCTGCCGCGCTA

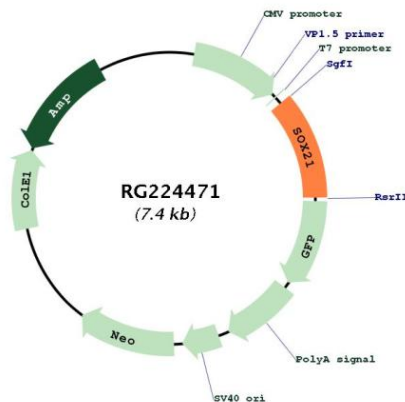
AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_007084.4</u>
RefSeq Size:	2537 bp
RefSeq ORF:	831 bp
Locus ID:	11166
UniProt ID:	<u>Q9Y651</u>
Cytogenetics:	13q32.1
Gene Summary:	<p>SRY-related HMG-box (SOX) genes encode a family of DNA-binding proteins containing a 79-amino acid HMG (high mobility group) domain that shares at least 50% sequence identity with the DNA-binding HMG box of the SRY protein (MIM 480000). SOX proteins are divided into 6 subgroups based on sequence similarity within and outside of the HMG domain. For additional background information on SOX genes, see SOX1 (MIM 602148).[supplied by OMIM, Apr 2004]</p>

Product images:



Circular map for RG224471