

Product datasheet for **RG225163**

STOX1 (NM_001130160) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: STOX1 (NM_001130160) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: STOX1
Synonyms: C10orf24
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225163 representing NM_001130160
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCGCCGTGCAGCTGGCGCCGGGCTCGCTGGCGCTAGTGCTGTGCCGGCTGGAGGCGCAGAAGG
CGGCGGGGCGCGGAGGAGCCTGGTGGCGCGCGGTGTTCCGCGCTTCCGTCGCGCAACGCGCGCTG
CTTCTGGAACGCGCGGCTGGCGCGCGCCCTCGCGGCTGGCCTCCAGGGCTGGCTGCGCGGGGGTG
CTGCTGGTGCGCGCGCCCCCGCCTGCCTGCAGGTGCTGCGCGATGCCTGGCGGCGCCGGCCCTCGCGC
CGCCGCGCGGCTCCGCATCAGGGCGGTGGGTGATGTCTTCCAGTGCAAATGAATCCAATAACTCAATC
TCAGTTTGTACCTTTGGGTGAAGTTCTTTGCTGTGCTATATCTGATATGAATACAGCTCAGATTGTAGTA
ACGCAGGAATCACTTTTGAGCGTTTGATGAAACATTACCCAGGACACAGAGTCTGGGATCTAATAATTC
AGTCATTTTGGATGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225163 representing NM_001130160
Red=Cloning site Green=Tags(s)

MARPVQLAPGSLALVLCRLEAQKAAGAAEPEGGRAVFRFRANARCFWNARLARAASRLAFQGWLRGV
LLVRAPPAQLVLRDAWRRRALRPPRGFRIRAVGDVFPVQMPITQSQFVPLGEVLLCAISDMNTAQIVV
TQESLLERLMKHYPGHRVWDLIIQSFWMD

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_001130160.2, NP_001123632.1</u>
RefSeq Size:	1037 bp
RefSeq ORF:	510 bp
Locus ID:	219736
UniProt ID:	<u>Q6ZVD7</u>
Cytogenetics:	10q22.1
Gene Summary:	The protein encoded by this gene may function as a DNA binding protein. Mutations in this gene are associated with pre-eclampsia/eclampsia 4 (PEE4). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]