

Product datasheet for **RN205472**

Shox2 (NM_013028) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Shox2 (NM_013028) Rat Untagged Clone
Tag: Tag Free
Symbol: Shox2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205472 representing NM_013028
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGAGCCGCGGAGCGGAGCAGGGAGCCCGCAGCCCGGGCTGACGGAGGTGTCCCCTGAACTGAAGG
ATCGCAAAGAGGATGCGAAAGGGATGGAGGACGAAGGCCAGACCAAAATCAAGCAGCGGCGAAGTCGGAC
CAATTTTACCCTGGAACAACCAACGAGCTGGAGAGGCTTTTCGATGAGACCCACTATCCAGACGTTTTT
ATGCGCGAGGAACTGAGCCAGCGACTGGGGCTATCTGAGGCCCGAGTACAGGTTTTGGTTTTAAAATCGAA
GAGCTAAGTGTAGAAAACAGAAAATCAACTTCATAAAGGTGTCCTTATAGGGGCTGCTAGCCAGTTTGA
AGCTTGTAGAGTTGCACCCTATGTCAACGTAGGTGCTTTAAGGATGCCATTTAGCAGGATAGTCATTGC
AACGTGACGCCCTTGTCTTTTCAGGTTTCAGGCGCACGTGCAGCTGGACAGCGCCGTGCGAGCCGCGCACC
ACCACCTGCATCCGCACCTGGCCGCGCACGGCCCTTACATGATGTTCCCGGCACCGCCCTTCGGACTGCC
GCTGGCCACGCTGGCGGCGGACTCGGCCTCCGCCCGCTCGGTGGTGGCTGCCGCCCGCCGCCAAGACC
ACCAGCAAGAACTCCAGCATCGCGGATCTCAGACTGAAAGCTAAAAGCACGCGGCCGCCCTGGGTCTGT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_013028
Insert Size: 702 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_013028.1 , NP_037160.1
RefSeq Size:	1588 bp
RefSeq ORF:	702 bp
Locus ID:	25546
UniProt ID:	O35750
Cytogenetics:	2q31
Gene Summary:	putative homeobox gene; human homolog encodes a putative homeobox gene involved in embryonic development [RGD, Feb 2006]