

Product datasheet for **SC315780**

NOBOX (NM_001080413) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOBOX (NM_001080413) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOBOX
Synonyms:	OG-2; OG2; OG2X; POF5; TCAG_12042
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001080413 edited

```

ATGGCTCTCCTTTTGACACTAACATCACCAGACCTGGAGGGTACCTGGGACACCAGAGAC
AAGGATGGCTTCAAAGCCCAGGAGGGGCCGCCCTGGCTGTACCTGAATTCCTGTGTGT
GGACTGTACCGATCTACGGAGTCTGTGGCTCTTTCAGCTCCTTTCATCATCCGGTGC
AGCCTTTGTGCTCTGGAGACCCTCAAATCACCCCAACATGATCCCTTAGAGATACCTGAA
CAGTCCCTCAAACATACCCCTGGTGTCTGGGAAAAGGGAACACAAAGGGGCCAGAAA
GCTGGAGAGAAGCCCCTGGCTGCAGGACCCGGGGAGGAGGAAGTCTCCGGGGCTCAGCC
CCTCATGCTCAGGACACTCAGAGTGAGGAAGTCCACCCTCTGCACCATCTCAGGAGAG
AAGAAGCCGCCAGCAGTCTCTGGAGAAGCCACCGGGGCTGATGCTGGGAGACTGTGCCCC
CCCCCCCCCTCCAGGGCTCCCCACAAAGACAGAACTCTAGCCCGCTCCAGGCCCCAGACT
CAGGGGGAAGATTGTTCCCTCCCAGTGGGAGAGGTGAAGATAGGAAAGAGGTCTATTCT
CCAGCCCCCGGGAAGCAGAAAAAGCCTAATGCCATGGGTCTGGCCCCAACATCATCTCCG
GGTGCCCCTAACCTCAGCCCGTGCCACACACAACCCAGTGCCTGTGGGTAGGCCGGGGG
CCCTGCCACCTGGCCAATCTCCTCAGTACATTGGCGCAGAGCAACCAAAACAGAGACCAC
AAGCAGGGGGCCCCCGGAAGTGACCTGCCAAATTAGGAAAAAGACACGAACCCCTATACCGC
TCAGATCAGCT:GGAGGAGCTAGAGAAGATATTCCAAGAA:GACCACTATCCTGACAGTG
ATAAACGCCGAGAGATTGCCAGACGGTGGGGGTGACCCCCAGCGCATCATGGTAAAGG
GGGCCGGCTCACTGGTGGCAGGGTGGAGTGGCGGAGGGGCCACCATTGAAACACTCGAAT
TGCAGAGTGAGCGCTCAGCGGTAGCCTGGGTGTGGTTCAGAATCGCCGGGCCAAGTGGC
GAAAAATGGAGAACTGAATGGGAAAGAAAGCAAGGACAATCCTGCAGCCCTGGCCCTG
CCAGCAGTCAATGCAGCTCTGCAGCTGAGATCCTACCTGCTGTGCCATGGAGCCAAAGC
CTGACCTTTCCCTCAGGAGTCCCTCTGGATACCTTTCCAGAGCCCCCATGCTGCTGA
CTTCTGACCAGACTTTGGCCCCACCCAACCCAGTGAGGGTGCTCAGAGGGTGGTGACCC
CCCCACTCTTCAGCCCCCACTGTGCGAAGGGCCGATCTTCCTTTCCCCTTGGCCCTG
TCCACACCCCCCACTGATGCCACTGCTGATGGATGTTGCTGGCAGTGACAGCAGCCACA
AGGACGGCCCCTGTGGGTCTGGGGACAAGGTAA

```



[View online »](#)

Restriction Sites:	Please inquire
ACCN:	NM_001080413
Insert Size:	1500 bp
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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001080413.1.
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:	<u>NM_001080413.1, NP_001073882.1</u>
RefSeq Size:	1473 bp
RefSeq ORF:	1473 bp
Locus ID:	135935
UniProt ID:	<u>O60393</u>
Cytogenetics:	7q35
Gene Summary:	This homeobox gene encodes a transcription factor that is thought to play a role in oogenesis. In mice, it is essential for folliculogenesis and regulation of oocyte-specific genes. Defects in this gene result in premature ovarian failure type 5.[provided by RefSeq, May 2011]