

Product datasheet for SC212702

SOX2 (NM_003106) Human 3' UTR Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product type:3 UTR ClonesProduct Name:SOX2 (NM_003106) Human 3' UTR CloneVector:pMirTarget (PS100062)Symbol:SOX2Synonyms:ANOP3; MCOP53ACCN:NM_003106Insert Size:1152 bpInsert Sequence:>SSC121702 3'UTR clone of NM_003106The sequence shown below is from the reference sequence of NM_003106. The complete sequence of this clone may contain minor differences, such as SNPs.Blue=Stop Codon Red=Cloning siteGGCAAGTTGGACGCCCCCAAGATCCCCCCAAGCATCGCCCAAGAGGGCGGAAAGATCTCCACGTGAAACCGCAACTTGGCCCCCAAGATCCCCCCCAAGACCGCCGGGGGGGG	Due du et True et	
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Insert Size:1152 bpInsert Sequence:>SC212702 3'UTR clone of NM_003106 The sequence shown below is from the reference sequence of NM_003106. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning siteGGCAAGTTGGAAGCCCCCCAAGATCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAAGTCGACGATCGCGAGATTCTCATTAAGGCCAAGCAGCGAACTGGAGGAGAAATTTTCAAA GAAAAACGAGGGAAATGGGAGGGGTGCAAAAGGGGCGGGACACGGAACTGGAGGAGAAATTTTCAAA GAAAAACGAGGGAAATGGGAGGGGTCAAAAGGGGCGGGACACGCAACTGGAGGAGAAACCCGGTACG CTCAAAAAGGAAAAAAAAAAAATCCCATCACCACCACCAACGCAACTGGAGGAGAAAACCCGGATGGAGAAACCCGGATCG CTCCATCAACACTCTCGCGCAAAAGGGGAGAGAAAAAAACCGGGGGGGG	Synonyms:	ANOP3; MCOPS3
Insert Sequence:>SC212702 3'UTR clone of NM_003106 The sequence shown below is from the reference sequence of NM_003106. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning siteGGCAAGTTGGACGCCCCGCAAGATCCACGCGAGCCGCCC AACCGCCACGCCCCCTCCACACATCAAGCGATCCCCCC AACCGCCACCTGCCCCCCTCCACACATGGGGGCGGCACACCGGACGGGGGGAGAAATTTTCAAA GAAAAACGAGGGAAATGGGAGGGTGCCAAAAGAGGAGCACACGCAAGAAGCCGGGAGGAAACCCGGGACG CTCAAAAAGAAAGGAAAAAAAAAAAACCCGCGTGCCGAAAAGAGGAGCGCGCAAGACACGCAAGGAGCCGGAAGAGCCCGGAAAGACCCGGTACC AATCCCACTCCACCCCACCCCACCGCAAAAACCGGGGGGGG	ACCN:	NM_003106
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TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACGGCACACTGCCCCCTCTCACACATGTGAGGGCCGGACAGCGAACTGGAGGGGGAGAAATTTTCAAA GAAAAACGAGGGAAATGGGAGGGGTGCAAAAAGAGGGAGAGTAAGAAACGCATGGAGGAAAACCCGGTACG CTCAAAAAGAAAAAAGGAAAAAAAAAA	Insert Sequence:	The sequence shown below is from the reference sequence of NM_003106. The complete sequence of this clone may contain minor differences, such as SNPs.
Restriction Sites: Sgfl-Mlul		TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACGGCACACTGCCCCTCTCACACATGTGAGGGCCGGACAGCGAACTGGAGGGGGGGAGAAATTTTCAAA GAAAAACGAGGGAAATGGGAGGGGTGCAAAAGAGGGAGGAACAGCATGGAGAAAACCCGGTACG CTCAAAAAGAAAAAGGAAAAAAAAAA
	Restriction Sites:	



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	SOX2 (NM_003106) Human 3' UTR Clone – SC212702
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM 003106.4</u>
Summary:	This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). [provided by RefSeq, Jul 2008]
Locus ID:	6657
MW:	44.6

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