

Product datasheet for **SC215703**

SIN3B (NM_015260) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SIN3B (NM_015260) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SIN3B
ACCN:	NM_015260
Insert Size:	1652 bp



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Insert Sequence:	<p>>SC215703 3'UTR clone of NM_015260 The sequence shown below is from the reference sequence of NM_015260. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGTACAGCCGCCGCCCGCCTCGCCCTGACCCGCCCTCATGGGCACCGGGCAGGCGCCTCACAGAGCA CAGACGTGCCCTCGGCCTTGGTCTGTGCGGGCCGTTTTCTTGAACGACGTGAGAGGCATCTCCAGCC CCTCTGTGTCGGGACAGCGCACTCCAGGGCAGGACGCCGCCCGTGGCTCCCGTCTCCTGTGGGCCT GCTGTGTGCCAAACCTGAGCTACCTGCACCCGAGCCCTGGGGCTCAGCCCCACCAGGGGCGGGTGA CGTGTGCGCCGAGGAACAAGCAATCATGTTTGCCTCCCGTCCGTACATGTGCCAAATCCCTGGCAGG CAGATGGCTCCTGCCCATATTCTTCCGTGTCTTGGAAAAGTCACAGGTGACAGCCCTCCTGAGGCC ACACTTTGGAGGGGTCCATGTCCAAGAGACCCTGACAAGGAAGGAGTTGAGCCCTGGGTAGGCTTGT TGAAAAGTGAGTCTTCCAGAATATTCTCAGAGCTGCCAGAAACATCATCTGAGGGTTTGGGCATCAGC TCTGCCTGGCTGTGTTCAGGCCCTCAGTCACTTTGGAAGTGAGAAGAACCCTTCAGCCAACCTTTGG GATCCCATTTTGAAGTCCAGAGCTGGAGCAGGCGGGCAGTGCCCTGGGAGACCCCGCTCTGGATAAGAC ACCCAACCCCAACTCCAGCAGCTGGACTCTGGGCCACAAGGGGAGGGACCCAGCCAGTATTCCTCA GAGCCGGCAGCACCCTGTGTGGGGCGGGCCAGTCGTGTTCTGACGTGGGCACCCTAGGCGTAT GTGTATACACGCACAGATATTTATTCCTTTGCTTTTAGTGGTTGTTATTTCTGTAGCAGCCAAGTCT GCGGCTCCCTGGGGCTGAGATCTCCCTTTGTGAACTCCGAGAGCCGCCCTGACAGTCCCAGCCGCCAC CCAAGGAGCCCATCCGCCACCACCCTGGGACCCACGCGGCCACTCCAGGGATCATTGTTGTCTTT TGTGAGGGGCTGAGGCGACTGTCCCATGGAGGCATCCAAGGCTTCTGTGCCAAGAATCCCAAGTGACT GGGGCTGGGGACCACTTCTCCAGGCCTCTCTCCCGACCATGAGAGCCCTGGCCCTGGCCCTGCACA CCAGTAGGCCCAGAATAACCGCCACCCTTGCCATCCTGCAACAGCTGGACTCAAGTTTCCAGGAAGTGG AGATGTGTTTCTAGAAGTTTCTGTGGAACCTGGAGGCTCCTGATGCCTTTGACTCCAGGCTGGGCGAT TCCGATGTGACCCGTCTCCTGGGCTCCCCACCCCGCTCCCCAAGTGTACACAGGCACTTTGTACA CATCCTGGTTTTCTAAGAAGGGAACCTGCCATCAAGATTCTGTACCAGGCCACGGCCGTCTCGGGCA GAGCCACCTGGGCCCGGGTGCAGCCGGAGACCCCGCGAGCCCTCCTCCAGTATTCCATCCCCGC ATGCTTCTAGGGAGCGCCTTTTTCCGTTCTTGAGGAATTTCTGTTCTGGGGCTTGTCTTCTTTGCA GCTGTTTTGAATGTAGTTTTCTTTTCTATTTATTTGCACATTAAGTTAATAATTGAATATTGA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
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:	NM_015260.4

Summary:	Acts as a transcriptional repressor. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Interacts with MAD-MAX heterodimers by binding to MAD. The heterodimer then represses transcription by tethering SIN3B to DNA. Also forms a complex with FOXK1 which represses transcription. With FOXK1, regulates cell cycle progression probably by repressing cell cycle inhibitor genes expression.[UniProtKB/Swiss-Prot Function]
Locus ID:	23309
MW:	59.8