

Product datasheet for **SC217243**

DR1 (NM_001938) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DR1 (NM_001938) Human 3' UTR Clone
Symbol:	DR1
Synonyms:	NC2; NC2-BETA; NC2B; NCB2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001938
Insert Size:	2000 bp



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Insert Sequence: >SC217243 3'UTR clone of NM_001938
 The sequence shown below is from the reference sequence of NM_001938. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGATGAAGAAGATGATGATGATATCTGA AATTACCAGCTGAGTTTCTATTTCTTCTATAAATGTTT
TTCCCTGCACAACAAAAACAGTGAAGA AATGCTTATCTGTAATTTTGTATGCATCTTGGTGGACTTGT
CATTGGTATTCTAGGGATGTCTGCTATTAAGTTTCATCTATTGTGTGCTATACATGTA AAAAACTGTCTC
TTTGAATATTGAAAATTAAGTTTCAGTATAATCAATTTTGAATTTTAAATGGTGTATGAAATT
TTAGATAGCAGCGAGTCCTTCGTTTGATCAATAAACAGTGTTACAGATAACTTCAAGTTTATAAAAAATA
CAGTGAATTTTCTACAAAGCTCTAAATCTGCATTTGCATTTCTCTGCCCTTTAACTAACTAAA AACT
TGTGAATTTTAAATTATTAAGGGGGGGGTGCTGTGTGAATCAGTAGACATTGGATTGGGTTGGTGA AAG
AGTTCAGTTCTGTAGTATCTGAATTTGTCTTTTAAAATGAGTACATATATAGGCAATAAATATATATGC
TCAGATCAATATACTTGTGTTAGAAAAACTTCAAGACATTCAAAAACTAGGAAGGAGTATGTTAATAGT
ATTTGTATAAATTTGGTGGTTATGTTTTTTTTATTTTGTCTGTTTTGTGTAGAGGTA AAAAACTATAGT
TTTATTACAGCATAATTCATTTTGGAGCTCCACTATGACATTTCAAAGACTGCCAGTTTGGAAAGTCTGT
CATGATTTTACTCTTTCACTCCAATTCAGTAATTGTTGATAGTATTACTTACCTAGTCCATCCACT
CATATTATTCAAATATATAGGTGGTACTTTTGAACAATTACATTGGTTCTCTGGTTTAACTGAGGTT
TATGAATATTCAAACCTTTGCTGGGGGAAAAGAAATGAAAGTTAATGAGCATGCTTGCTATGAGAGAGGG
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GATGGCCTAGAGTCCAACATTACCTTTTGAGATGACATTATTGTCTCCATAATTGAGTGATAGCTTTAA
AAAAAGATTAGTTTTGCTTAAAGAAGTTATGTTACA AACTGATCAGCCCTATATGAATTA AACTGATCAGC
CCTATATGAAACATAAGTTGTGTTATAACTTATCAGCCGTATATGGAACATAAATAGTTTCTACCTGCT
TGTTAGAGAAGCTTAAATTTGGTTCTAATAAATACAGTATGGTAGTGT TATAGGAATCCAGGATGTTG
AAGAAATGGCATAATGTCTATATTTTGGAAACAGAAAGGAAAAGTCACTTAAAGATAGTATTAAGTAATT
AAATTCCTATGTCAGTTGCCAAATCTTTTAACTTATGTATTACCAAGCCCAAAAATAGATTGTGGCT
CCCAGGATTC AATTTTAAATGGAGAGCTAAGTAAGTAAAGTTTATAACTGTTAGGTTTCTTAATGAT
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GAAAAGGTTAATTTTGTGAATGTTTTAAGTTGAAGTTACTTCATGGATGTCATACCCATGAAGTGCAT
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AGTTAATACGTGTTGGCTTTTCTAATTTGTACTGTAACATCCTTATACTTTCTATTTTAAGTATATCTG
TTTCTTAAAGTAAACA AACTTAGATATTTCCACACCTTTTTTTTTTTTTTCTGATGCAGAGTTCAGGTTAA
TATTTTACTGCATCTGATAATGTATTATACGTTTGAAGCCTAGTGACTTTTCATTTTGCATTTCTGTG
ATTTTCATATGCTGATTCTTCAAGCAATAAAAATGTGATGTGTTTTATAAATGGTTTTTATATTTAAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_001938.3](#)

Summary:

This gene encodes a TBP- (TATA box-binding protein) associated phosphoprotein that represses both basal and activated levels of transcription. The encoded protein is phosphorylated in vivo and this phosphorylation affects its interaction with TBP. This protein contains a histone fold motif at the amino terminus, a TBP-binding domain, and a glutamine- and alanine-rich region. The binding of DR1 repressor complexes to TBP-promoter complexes may establish a mechanism in which an altered DNA conformation, together with the formation of higher order complexes, inhibits the assembly of the preinitiation complex and controls the rate of RNA polymerase II transcription. [provided by RefSeq, Jul 2008]

Locus ID:

1810

MW:

78.1