

Product datasheet for **SC216353**

Retinoblastoma binding protein 1 (ARID4A) (NM_023001) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Retinoblastoma binding protein 1 (ARID4A) (NM_023001) Human 3' UTR Clone
Symbol:	Retinoblastoma binding protein 1
Synonyms:	RBBP-1; RBBP1; RBP-1; RBP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_023001
Insert Size:	1917 bp



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Insert Sequence: >SC216353 3'UTR clone of NM_023001
 The sequence shown below is from the reference sequence of NM_023001. 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
CAAAATGTAAGTGTAGAAATGCAAGTGAATAAACATTTTCTCTACCTTCCAGCAGTTTGTGCCATG
GACATAAATCCCCAAACCTGAATTACAACCACAGAAAGCACTCAACTGGTTTGACATTGCTAAGTATA
TCCTGTATACTTTCCAGGCTGGATTGTATCTATTCCCCTCTCTCTTTTCTTTTCTTTGTCAAAAAAT
AAGCTGATTAATAAGTGAAGTTAAGCAGCCTGCCATATTTGTCATAATTTTCTCTTTACTTTTGT
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GTTACAGAAATCGTAGACAAGCAAGTGCACATGATAAACATCAAATATTACCCAGCTGAATAGTTACT
GCTGCACCTTCACTAAGATGTATTTGAACACTTGGTGAGTAGGGGTTTATGTTGTGTTTTTTTTCATT
ATCGTTTTTTTTATTTTGTGGAAGCACTTGCTATTTAGAACTGCCAAAGTATATGTTTCAGCAGTGTGC
CCAGGATTGAAGGTGAAATGGGACAAAATAAATTTGTGAAAGGAAGTGTAGTTGACTGAAAACTACAGT
TGTAATAAGTCTTCCACTTTTTATAGGATTTTTGAGCACAAAATTATGCAAAATTTTTAATGTTTATTA
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CATCCTGCAGCCTTGCCGTGTTAAAGGGAGTCTGTCTCAGTCCATCAAACAGTATAGAATAAATG
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AAAATGGAGCTCAGTGGGCAAGTATAATAAAGGCCATGTTTTAAACATAGGCTTTATACTTTTAGTTTT
CATTAAAGTATTGCTTTTTTCTAAGTCTTGTAACTTACAGTTGGAAAATCAGATTTACAAAACCA
AGCATTTTAGTATATTCAGCCTTTACAATAAAATTTTCTACTAATTATAAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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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_023001.3](#)

Summary: The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described. [provided by RefSeq, Jul 2008]

Locus ID: 5926

MW: 73.8