

## Product datasheet for **SC119274**

### D Box Binding Protein (DBP) (NM\_001352) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	D Box Binding Protein (DBP) (NM_001352) Human Untagged Clone
Tag:	Tag Free
Symbol:	D Box Binding Protein
Synonyms:	DABP; taxREB302
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001352, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCGCCTGTGAGCGACAGGACCCCGGCCCTCTGCTGCTGGGCGGCCCGCCGGGACACCCCTG
GCGGGGAGCGCTGCTTGGGTTGCGGAGCCTTCTGCAGGGGACCAGCAAGCCAAAGAGCCGCCAGCTG
TCTCCTGAAGGAAAAGGAGCGCAAGGCGGCCCTGCCTGCAGCCACAACCCCTGGGCCAGGCCTGGAGACT
GCGGGCCCGCGGATGCCCGGCTGGGGCAGTGGTGGGCGGAGGGTCCCCGCGGGGGCGCCGGGGCCGG
TGCCCGCCCGGGTCTGTTGGCGCCACTGCTGTGGGAGCGCACGCTGCCGTTCCGGCGATGTGGAGTACGT
AGACCTGGACGCCTTCTGCTGGAGCACGGCTCCCGCCAGCCCGCCCGCCCGCCCGGTTGGCCGTCGCCG
GAGCCGTCGCCCCGCGGACGCCCGCACCTCCCAGGGCCGGGTTTCGTGCGGCTCGGCTCCCCCGCT
CCTCTCCTGGGCACGCCCCCGCCGGGCTGCCCTCGGGACCGCCAGCGGCCACCGCGCAGGCCTGACCTC
TCGGGACACACCCAGCCCTGTGGACCCAGACACCGTGGAGGTGTTGATGACCTTTGAACCCGACCCAGCT
GATCTTGCCCTATCAAGCATTCTTGCCACGAGACCTTTGACCCTCGAAGACATCGCTTCTCAGAAGAGG
AACTTAAGCCCCAGCCAATCATGAAGAAGGAAGAAAAATCCAGGTGCCGGAGGAGCAGAAGGATGAGAA
ATACTGGAGCCGGCGGTACAAGAACAACGAGGCAGCCAAGCGGTCCCGTGACGCCCGCGGCTCAAGGAG
AACCAGATATCGGTGCGGGCGCCTTCTTGAGAAGGAGAACGCCCTGCTGCGGCAGGAAGTTGTGGCCG
TGCGCCAGGAGCTGTCCCACTACCGCGCCGTGCTGTCCCGATACCAGGCCAGCACGGGGCCCTGTGA
```



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_001352 unedited  TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCG  GCACGAGGCGGCACGAGGCTCGGTTGCAAAGAGCCGACCCTTGTCTGGACACCCCTC  GCCAGATTGCATGATCTCCCGGACCCCTTTGAGTTGCACGTTTCTGCACCGAGGACCT  CAAATCCCGTCGCTCCTAGGATTTGCAGCGTTCTGGATACTGGAGGTTGCAGGCTACA  CTCGCCCGCCCTGGGCAGACACTCGTCCAAACCACTGGAGTGTGCTGGTACTGGCAGG  CCAGCCCTTCGCCTCTCCATGAACCCGTGAGCCTGGGGGCAGGTGCCAGGCGATGGCGCG  GCCTGTGAGCGACAGGACCCCGCCCTCTGCTGCTGGGCGGCCGCGGGACACCCCC  TGGCGGGGAGCGCTGCTTGGGTTGCGGAGCCTTCTGCAGGGGACCAGCAAGCCCAAAGA  GCCGCGCAGCTGTCTCCTGAAGGAAAAGGAGCGCAAGGCGGCCCTGCCTGCAGCCACAAC  CCCTGTGCCAGGCTGGAGACTGCGGGCCCGCGGATGCCCGGCTGGTGCAGTGGTGGG  CGGAGGGTCCCGCGGGGCCCCAGTGCCCGTGCCTCGCCCGGGTCTGTTGGCGCCACT  GCTGTGGGACCGCAGCTGCCGTTCTGCGATGTGGAGTACGTAGACCTGGACGCCTTCT  GCTGAAGCACGGGCTCCCGCCAGTCCGCGCCACCGGTGCCCGTCCCGGAGCCCTCC  CCCGGGCCGACCCACGACCCCTCCCAAGCGCGGTTTCTGTGCCGTTTCGCTTTCCACC  GTTCTCTTCTGGGCACGCCCCCGCCGCTTTCCTTCGACCGCAGCGGCCACCCCA  AGCCTGACTCTTTGGACCACCCACCCCTGGTGACCAACACCTGGAGGGGTGATGATCTT  TGACCGCACCG</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_001352 unedited  GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCTTAAAATATAAATGTATTTAT  CTGCATTATCACGTCCTGGGGCACCCAGCTGGCCGCCCCGTGGCCACAGGGCAGGAAG  GGAACAGGGCGTAAGTCTCAGCAAGGCGGAGGAGACTCCGCCAGGTGGGGATGTGGGGC  AGCCTCACAGGGCCCCGTGCTGGCCTGGTATCGGGACAGCACGCGCGGTAGTGGGACA  GCTCCTGGCGCACGGCCACAACCTTCTGCCGACGAGGGCGTTCTCCTTCCAGGAAGG  CCGCCCCACCGATATCTGGTTCTCCTTGAGCCGCCGGCGTCACGGGACCGCTTGGCTG  CCTCGTTGTTCTGTACCGCCGGCTCCAGTATTTCTCATCCTTCTGCTCCTCCGGCACCT  GGATTTTTCTTGCTTCTCATGATTGGCTGGGGCTTAAGTTCTCTTCTGAGAAGCGAT  GTCTTCGAGGGTCAAAGGTCTCGTGGCCAGGAATGCTTGATAGGGCAAGATCAGTGGGT  CGGGTTCAAAGGTCAACACCTCCACGGTGTCTGGGTCCACAGGGCTGGGTGTGTCCC  GAGAGTCAAGCCTGCGCGGTGGCCGCTGGCGGTCGCCAGGGCAGCCCGGGCGGGGCGT  GCCAGAAAGATGATCGGTGGGAACTCGAGCCGACGAACCCGGCCCTTGGGAGGGTGC  CGTCCCCCGTGCGAAGGTTTCCGCGACTGGCCACCGTGGGGCCGGGGGCTTGGCGGAA  GCCCGTGTCCAGCAGGAAAGCGTCCAGGTTTACGTACTTACATCGCCCGACGGCAGCG  GGCGCTCCCAGCAGGGGTGCAACAGACCCGGGGCGGCCCGCCGGTCCGCCCGGG  GGACCCTCGCCACCTGCCACATCGGGATTTCCCGCTCTCGACTTGCATCGACATAG  GCCATAAGTCTTTCCG</p>
<b>Restriction Sites:</b>	ECoRI-NOT
<b>ACCN:</b>	NM_001352
<b>Insert Size:</b>	1400 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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:** [NM\\_001352.2](#), [NP\\_001343.2](#)

**RefSeq Size:** 1478 bp

**RefSeq ORF:** 978 bp

**Locus ID:** 1628

**UniProt ID:** [Q10586](#)

**Cytogenetics:** 19q13.33

**Domains:** BRLZ

**Protein Families:** Transcription Factors

**Gene Summary:** The protein encoded by this gene is a member of the PAR bZIP transcription factor family and binds to specific sequences in the promoters of several genes, such as albumin, CYP2A4, and CYP2A5. The encoded protein can bind DNA as a homo- or heterodimer and is involved in the regulation of some circadian rhythm genes. [provided by RefSeq, Jul 2014]