

Product datasheet for **SC323750**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001352.2
 CAGATTTTGAAGAGCCAGGCTCGCCACCTTGTAGAAGGAGCGCCTTGTAGTCCCCTCTC
 ACCCTCGGTTGCAAAGAGCCGACCGCTTGATCTGGACACCCCTCGCCAGATTGCATGA
 TCTCCCGGACCTCTTGTAGTTGCACGTTTCTGCACCGAGGACCTCAAATCCCCGTCGCT
 CCTAGGATTTGCAGCGTTCTGGATACTGGAGGTTGCAGGCTACACTCGCCCGCCCTGG
 GCAGACTCGTCAAACCACTGGAGTGTGCTGGTACTGGCAGGCCAGCCCTTCGCCTC
 TCCATGAACCCGTGAGCCTGGGGCAGGTGCCAGGCGATGGCGCGCCTGTGAGCGACAG
 GACCCCGGCCCTCTGCTGCTGGGCGGCCGGCCGGGACACCCCTGGCGGGGAGCGCT
 GCTTGGGTTGCGGAGCCTTCTGCAGGGGACCAGCAAGCCAAAGGCCGCGCAGCTGTCT
 CCTGAAGAAAAGGAGCGCAAGGCGCCCTGCCTGCAGCCACAACCCCTGGCCAGGCT
 GGAGACTGCGGGCCCGCGGATGCCCGGCTGGGGCAGTGGTGGCGGAGGGTCCCCGCG
 GGGCGCCCGGGCCCGGTGCCCGCCCGGTCTGTTGGCGCCACTGCTGTGGGAGCGCAC
 GCTGCCGTTTCGGCGATGTGGAGTACGTAGACCTGGACGCCTTCTGCTGGAGCACGGCT
 CCCGCCAGCCCGCCGCCCCCGGTGGCCCGTCCCGGAGCCGTCGCCCGCGCGGACGCC
 CGCACCTCCCCAGGGCCGGGTTCTGTGCGGCTCGGCTTCCCCCGCTCCTCTCTGGCA
 CGCCCCCGCCGGGCTGCCCTCGGGACCGCCAGCGGCCACCGCGCAGGCTGACCTCTCG
 GGACACACCCAGCCCTGTGGACCCAGACACCGTGGAGGTGTTGATGACCTTTGAACCCGA
 CCCAGCTGATCTTGCCCTATCAAGCATTCTGGCCACGAGACCTTTGACCCTCGAAGACA
 TCGCTTCTCAGAAGAGAACTTAAGCCCCAGCCAATCATGAAGAAGGCAAGAAAAATCCA
 GGTGCCGAGGAGCAGAAGGATGAGAAATCTGGAGCCGCGGTACAAGAACAACGAGGC
 AGCCAAGCGGTCCCGTACGCCCCGGCGGCTCAAGGAGAACCAGATATCGGTGCGGGCGGC
 CTTCTGGAGAAGGAGAACGCCCTGCTGCGGCAGGAAGTTGTGGCCGTGCGCCAGGAGCT
 GTCCCACTACCGCGCCGTGCTGTCCGATACCAGGCCAGCACGGGGCCCTGTGAGGCTG
 CCCCACATCCCCACCTGGCGGAGCTCTCCTCCGCTTGTGAGACTTACGCCCTGTTCCC
 TTCCTGCCCTGTGGCCACGGCCCGCCAGCTGGGTGCCCGAGGACGTGATAATGCAGA
 TAAATACATTTATATTTTAAAGAAAAAAAAAAAAAAAAA



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Restriction Sites:	ECORI-NOT
ACCN:	NM_001352
OTI Disclaimer:	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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	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:	<ol style="list-style-type: none">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]