

Recombinant Human DBP Protein, His-tagged

Cat. No. DBP-893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DBP Protein (Glu395-Leu474) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Glu395-Leu474
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.5 kDa; Accurate Molecular Mass: 16 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	DBP D site of albumin promoter (albumin D-box) binding protein [Homo sapiens (human)]
Official Symbol	DBP
Synonyms	DBP; D site of albumin promoter (albumin D-box) binding protein; D site-binding protein; DABP; taxREB302; albumin D box-binding protein; albumin D-element-binding protein; tax-responsive enhancer element-binding protein 302;
Gene ID	1628
mRNA Refseq	NM_001352
Protein Refseq	NP_001343
MIM	124097
UniProt ID	Q10586

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