

Datasheet for ABIN7546934
DBP Protein (AA 1-325) (His tag)



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Overview

Quantity:	1 mg
Target:	DBP
Protein Characteristics:	AA 1-325
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DBP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DBP Protein expressed in mammalien cells.
Sequence:	MARPVSDRTP APLLLGGPAG TPPGGGALLG LRSLLQGTSK PKEPASCLLK EKERKAALPA ATTPGPGLET AGPADAPAGA VVGGGSPRGR PGPVPAPGLL APLLWERTLP FGDVEYVDLD AFLLEHGLPP SPPPPGGPSP EPSPARTPAP SPGPGSCGSA SPRSSPGHAP ARAALGTASG HRAGLTSRDT PSPVDPDVE VLMTFEPDPA DLALSSIPGH ETFDPRRHRF SEEELKPQPI MKKARKIQVP EEQKDEKYWS RRYKNNEAAK RSRDARRLKE NQISVRAAFL EKENALLRQE VVAVRQELSH YRAVLSRYQA QHGAL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	DBP
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Alternative Name:	DBP (DBP Products)
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Background:	D site-binding protein (Albumin D box-binding protein) (Albumin D-element-binding protein) (Tax-responsive enhancer element-binding protein 302) (TaxREB302),FUNCTION: This transcriptional activator recognizes and binds to the sequence 5'-RTTAYGTAAY-3' found in the promoter of genes such as albumin, CYP2A4 and CYP2A5. It is not essential for circadian rhythm generation, but modulates important clock output genes. May be a direct target for regulation by the circadian pacemaker component clock. May affect circadian period and sleep regulation.
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Molecular Weight:	34.3 kDa
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UniProt:	Q10586
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months