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Datasheet for ABIN7544170  
**TBP Protein (AA 1-339) (His tag)**

## Overview

Quantity:	1 mg
Target:	TBP
Protein Characteristics:	AA 1-339
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TBP Protein expressed in mammalian cells.
Sequence:	<p>MDQNNSLPPY AQGLASPQGA MTPGIPIFSP MMPYGTGLTP QPIQNTNSLS ILEEQRQQQ QQQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ QQQQAVAAA AVQQSTSQQA TQGTSGQAPQ LFHSQTLTTA PLPGTTPLYP SPMTPMTPIT PATPASESSG IVPQLQNIVS TVNLGCKLDL KTIALRARNA EYNPKRFAAV IMRIREPRTT ALIFSSGKMV CTGAKSEEQS RLAARKYARV VQKLGFPKAF LDFKIQNMVG SCDVKFPIRL EGLVLTHQQF SSYEPELFPG LIYRMIKPRI VLLIFVSGKV VLTGAKVRAE IYEFENIYP ILKGRKTT</p> <p><b>Sequence without tag. The proposed Strep-Tag is based on experience s 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.</b>SEQUENCE</p> <p><b>Sequence without tag. The proposed Purificati on-Tag is based on experience s 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.</b></p>

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- 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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** TBP

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**Alternative Name:** TBP ([TBP Products](#))

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**Background:** General transcription factor that functions at the core of the DNA-binding multiprotein factor TFIID. Binding of TFIID to the TATA box is the initial transcriptional step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1 with the rDNA promoter. SL1 is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. {ECO:0000269|PubMed:15970593}.

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**Molecular Weight:** 38.7 kDa

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**UniProt:** [P20226](#)

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## Target Details

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Pathways: [WNT Signaling](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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