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## Datasheet for ABIN7563070 **TBP Protein (AA 1-316) (His tag)**

### Overview

Quantity:	1 mg
Target:	TBP
Protein Characteristics:	AA 1-316
Origin:	Mouse
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:	MDQNNLPPY AQGLASPQGA MTPGIPIFSP MMPYGTGLTP QPIQNTNSLS ILEEQRQQQ QQQQQQQQQ AVATAAASVQ QSTSQQPTQG ASGQTPQLFH SQTLTAPLP GTTPLYPSPM TPMTPITPAT PASESSGIVP QLQNVSTVN LGCKLDLKI ALRARNAEYN PKRFAAVIMR IREPRTTALI FSSGKMVCTG AKSEEQSRLA ARKYARVVQK LGFPAKFLDF KIQNMVGSCD VKFPIRLEGL VLTHQQFSSY EPELFPGLIY RMIKPRIVLL IFVSGKVVLV GAKVRAEIEY AFENIYPILK GFRKTT <b>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.</b>
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.
Characteristics:	Key Benefits:

## Product Details

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- 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 ( <a href="#">TBP Products</a> )
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Background:	TATA-box-binding protein (TATA sequence-binding protein) (TATA-binding factor) (TATA-box factor) (Transcription initiation factor TFIID TBP subunit),FUNCTION: 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 a BRF2-containing transcription factor complex that regulates transcription mediated by RNA polymerase III. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation 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:0000250 UniProtKB:P20226}.
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Molecular Weight:	34.7 kDa
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UniProt:	<a href="#">P29037</a>
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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

## 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