

Datasheet for ABIN7555682  
**TAF1B Protein (AA 1-588) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TAF1B
Protein Characteristics:	AA 1-588
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat TAF1B Protein expressed in mammalian cells.
Sequence:	<p>MDLEEAEFEK ERCTQCAAVS WGLTDEGKYY CTSCHNVTER YQEVNTNDLI PNTQIKALNR</p> <p>GLKKKNNTTEK GWDWYVCEGF QYILYQQAEE LKNLGVGPPEL KNDVLHNFVK RYLQKSKQAY</p> <p>CKNPVYTTGR KPTVLEDNLS HSDWASEPEL LSDVSCPPFL ESGAESQSDI HTRKPPFVSK</p> <p>ASQSETSVCS GSLDGVEYSQ RKEKGIVKMT MPQTLAFCYL SLLWQREAIT LSDLLRFVEE</p> <p>DHIPYINAFQ HFPEQMKLYG RDRGIFGIES WPDYEDIYKK TVEVGTFDL PRFPDITEDC</p> <p>YLHPNILCMK YLMEVNLPE MHSLTCHVVK MTGMGEVDFL TFDPIAKMAK TVKYDVQAVA</p> <p>IIVVVLKLLF LLDDSEFWSL SNLAEKHNEK NKKDKPWDF RKWYQIMKKA FDEKKQKWE</p> <p>ARAKYLWKSE KPLYYSFVDK PVAYKKREMV VNLQKQFSTL VESTATAGKK SPSSFQFNWT</p> <p>EEDTDRTCFH GHSLQGVLKE KGQSLTKNS LYWLSTQKFC RCYCTHVTY EESNYSLSYQ</p> <p>FILNLSFLL RIKTSLLHEE VSLVEKKLFE KKYSVKRKS RSKKVRRH <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b></p>

**complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TAF1B
Alternative Name:	TAF1B ( <a href="#">TAF1B Products</a> )
Background:	<p>TATA box-binding protein-associated factor RNA polymerase I subunit B (RNA polymerase I-specific TBP-associated factor 63 kDa) (TAFI63) (TATA box-binding protein-associated factor 1B) (TBP-associated factor 1B) (Transcription initiation factor SL1/TIF-IB subunit B),FUNCTION: Component of RNA polymerase I core factor complex that acts as a GTF2B/TFIIB-like factor and plays a key role in multiple steps during transcription initiation such as pre-initiation complex (PIC) assembly and postpolymerase recruitment events in polymerase I (Pol I) transcription. Binds rDNA promoters and plays a role in Pol I recruitment as a component of the SL1/TIF-IB complex and, possibly, directly through its interaction with RRN3.</p> <p>{ECO:0000269 PubMed:11250903, ECO:0000269 PubMed:11283244, ECO:0000269 PubMed:15970593, ECO:0000269 PubMed:21921198, ECO:0000269 PubMed:21921199, ECO:0000269 PubMed:7491500,</p>

## Target Details

ECO:0000269|PubMed:7801123, ECO:0000269|PubMed:7801130}.

Molecular Weight: 68.8 kDa

UniProt: [Q53T94](#)

## 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.

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