

Datasheet for ABIN7544226

TAF1A Protein (AA 1-450) (His tag)



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Overview

Quantity:	1 mg
Target:	TAF1A
Protein Characteristics:	AA 1-450
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF1A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TAF1A Protein expressed in mammalian cells.
Sequence:	<p>MSDFSEELKG PVTDDDEEVET SVLSGAGMHF PWLQTYVETV AIGGKRRKDF AQTTSACLS</p> <p>IQEALLKHQW QQAAEYMYSY FQTLEDSDSY KRQAAPEIIW KLGSEILFYH PKSNMESFNT</p> <p>FANRMKNIGV MNYLKISLQH ALYLLHHGML KDAKRNLSA ETWRHGENTS SREILINLIQ</p> <p>AYKGLLQYYT WSEKKMELSK LDKDDYAYNA VAQDVFNHSW KTSANISALI KIPGVWDPFV</p> <p>KSYVEMLEFY GDRDGAQEV L TNYAYDEKFP SNPNAHIYLY NFLKRQKAPR SKLISVLKIL</p> <p>YQIVPSHKLM LEFHTLLRKS EKEEHRKLGL EVLFGVLDFA GCTKNITAWK YLAKYLNIL</p> <p>MGNHLAWVQE EWNSRKNWWP GFHFSYFWAK SDWKEDTALA CEKAFVAGLL LGKGCRYF</p> <p>ILKQDHQILG KKI KRMKRSV KKYSIVNPRL</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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.

Purity:

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

Grade:

custom-made

Target Details

Target:

TAF1A

Alternative Name:

TAF1A ([TAF1A Products](#))

Background:

TATA box-binding protein-associated factor RNA polymerase I subunit A (RNA polymerase I-specific TBP-associated factor 48 kDa) (TAFI48) (TATA box-binding protein-associated factor 1A) (TBP-associated factor 1A) (Transcription factor SL1) (Transcription initiation factor SL1/TIF-IB subunit A),FUNCTION: 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/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits. {ECO:0000269|PubMed:11250903, ECO:0000269|PubMed:11283244, ECO:0000269|PubMed:15970593, ECO:0000269|PubMed:7801123}.

Molecular Weight:

52.7 kDa

Target Details

UniProt: [Q15573](#)

Application Details

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.
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