

Datasheet for ABIN7544113
TAF7 Protein (AA 1-349) (His tag)



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Overview

Quantity:	1 mg
Target:	TAF7
Protein Characteristics:	AA 1-349
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TAF7 Protein expressed in mammalian cells.
Sequence:	<p>MSKSKDDAPH ELESQFILRL PPEYASTVRR AVQSGHVNLK DRLTIELHPD GRHGIVRVDR VPLASKLVDL PCVMESLKI DKKTFYKTAD ICQMLVSTVD GDLYPPVEEP VASTDPKASK KKDKDKEKKF IWNHGITLPL KNVRKRRFRK TAKKKYIESP DVEKEVKRLL STDAEAVSTR WEIIAEDETK EAENQGLDIS SPGMSGHRQG HDSLEHDEL R EIFNDLSSSS EDEDETQHGD EEDINIIDTE EDLERQLQDK LNESDEQHQE NEGTLNQLVMG IQKQIDNMKG KLQETQDRAK RQEDLIMKVE NLALKNRFQA VLDELKQKED REKEQLSSLQ EELESLLLEK Sequence without tag.</p> <p>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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	TAF7
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Alternative Name:	TAF7 (TAF7 Products)
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Background:	<p>Transcription initiation factor TFIID subunit 7 (RNA polymerase II TBP-associated factor subunit F) (Transcription initiation factor TFIID 55 kDa subunit) (TAF(II)55) (TAFII-55) (TAFII55),FUNCTION: The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:33795473). TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) (PubMed:33795473). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 (PubMed:33795473, PubMed:10438527). TAF7 forms a promoter DNA binding subcomplex of TFIID, together with TAF1 and TAF2 (PubMed:33795473). Part of a TFIID complex containing TAF10 (TFIID alpha) and a TFIID complex lacking TAF10 (TFIID beta) (PubMed:10438527). {ECO:0000269 PubMed:10438527, ECO:0000269 PubMed:33795473}.</p>
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Molecular Weight:	40.3 kDa
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UniProt:	Q15545
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Target Details

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

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