

Datasheet for ABIN7544138  
**TAF12 Protein (AA 1-161) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TAF12
Protein Characteristics:	AA 1-161
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF12 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TAF12 Protein expressed in mammalian cells.
Sequence:	<p>MNQFGPSALI NLSNFSSIKP EPASTPPQGS MANSTAVVKI PGTPGAGGRL SPENNQVLTK</p> <p>KKLQDLVREV DPNEQLDEDV EEMLLQIADD FIESVVTAAQ QLARHRKSST LEVKDVQLHL</p> <p>ERQWNMWIPG FGSEEIRPYK KACTTEAHKQ RMALIRKTTK K <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></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:	<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</li> </ul>

## Product Details

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:	TAF12
---------	-------

Alternative Name:	TAF12 ( <a href="#">TAF12 Products</a> )
-------------------	--

Background:	<p>Transcription initiation factor TFIID subunit 12 (Transcription initiation factor TFIID 20/15 kDa subunits) (TAFII-20/TAFII-15) (TAFII20/TAFII15),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). Component of the TATA-binding protein-free TAF complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex (PubMed:10373431, PubMed:7729427, PubMed:8598932, PubMed:8663456, PubMed:9674425, PubMed:9885574).</p> <p>{ECO:0000269 PubMed:10373431, ECO:0000269 PubMed:33795473, ECO:0000269 PubMed:7729427, ECO:0000269 PubMed:8598932, ECO:0000269 PubMed:8663456, ECO:0000269 PubMed:9674425, ECO:0000269 PubMed:9885574}.</p>
-------------	---

Molecular Weight:	17.9 kDa
-------------------	----------

## Target Details

---

UniProt: [Q16514](#)

## 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