

Datasheet for ABIN7553962  
**WTAP Protein (AA 1-396) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	WTAP
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WTAP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant WTAP Protein expressed in mammalian cells.
Sequence:	MTNEEPLPKK VRLSETDFKV MARDELILRW KQYEAYVQAL EGKYTDLNSN DVTGLRESEE KLKQQQESA RRENILVMRL ATKEQEMQEC TTQIQYLKQV QQPSVAQLRS TMVDPAINLF FLKMKGELEQ TKDKLEQAQN ELSAWKFTPD SQTGKKLMAK CRMLIQENQE LGRQLSQGRI AQLEAELALQ KKYSEELKSS QDELNDFIIQ LDEEVEGMQS TILVLQQQLK ETRQQLAQYQ QQQSQASAPS TSRTTASEPV EQSEATSKDC SRLTNGPSNG SSSRQRTSGS GFHREGNTTE DDFPSSPGNG NKSSNSSEER TGRGGSGYVN QLSAGYESVD SPTGSENSLT HQSNDDTSSH DPQEEKAVSG KGNRTVGSRH VQNGLDSSVN VQGSVL <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.

## Product Details

---

### 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:

WTAP

---

### Alternative Name:

WTAP ([WTAP Products](#))

---

### Background:

Pre-mRNA-splicing regulator WTAP (Female-lethal(2)D homolog) (hFL(2)D) (WT1-associated protein) (Wilms tumor 1-associating protein),FUNCTION: Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:29507755). Required for accumulation of METTL3 and METTL14 to nuclear speckle (PubMed:24316715, PubMed:24407421, PubMed:24981863). Acts as a mRNA splicing regulator (PubMed:12444081). Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability (PubMed:17088532). Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes (PubMed:17095724).

{ECO:0000269|PubMed:12444081, ECO:0000269|PubMed:17088532, ECO:0000269|PubMed:17095724, ECO:0000269|PubMed:24316715, ECO:0000269|PubMed:24407421, ECO:0000269|PubMed:24981863, ECO:0000269|PubMed:29507755}.

## Target Details

---

Molecular Weight: 44.2 kDa

UniProt: [Q15007](#)

## 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