

[Go to Product page](#)

Datasheet for ABIN7555806  
**THOC6 Protein (AA 1-341) (His tag)**

## Overview

Quantity:	1 mg
Target:	THOC6
Protein Characteristics:	AA 1-341
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THOC6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant THOC6 Protein expressed in mammalian cells.
Sequence:	MERAVPLAVP LGQTEVFQAL QRLHMTIFSQ SVSPCGKFLA AGNNYQIAI FSLSSALSSE AKEESKKPVV TFQAHDGPVY SMVSTDRHLL SAGDGEVKAW LWAEMLKKGK KELWRRQPPY RTSLEVPEIN ALLLVPKENS LILAGGDCQL HTMDLETGTF TRVLRGHTDY IHCLALRERS PEVLSGGEDG AVRLWDLRTA KEVQTIEVYK HEEC SRPHNG RWIGCLATDS DWMVCGGGPA LTLWHLRSST PTTIFPIRAP QKHVTFYQDL ILSAGQGRCV NQWQLSGELK AQVPGSSPGL LSSLNQQPA APECKVLTAA GNSCRVDVFT NLGYRAFSL S F <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.
Characteristics:	Key Benefits:

## Product Details

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- 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.

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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

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Target:	THOC6
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Alternative Name:	THOC6 ( <a href="#">THOC6 Products</a> )
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Background:	<p>THO complex subunit 6 homolog (Functional spliceosome-associated protein 35) (fSAP35) (WD repeat-containing protein 58),FUNCTION: Acts as a component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. Plays a role in apoptosis negative control involved in brain development.</p> <p>{ECO:0000269 PubMed:15833825, ECO:0000269 PubMed:15998806, ECO:0000269 PubMed:17190602, ECO:0000269 PubMed:18974867, ECO:0000269 PubMed:23621916}.</p>
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Molecular Weight:	37.5 kDa
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## Target Details

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UniProt: [Q86W42](#)

## Application Details

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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

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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