

Datasheet for ABIN7545038  
**UTP18 Protein (AA 1-556) (His tag)**



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## Overview

Quantity:	1 mg
Target:	UTP18
Protein Characteristics:	AA 1-556
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UTP18 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat UTP18 Protein expressed in mammalian cells.
Sequence:	<p>MPPERRRRMK LDRRTGAKPK RKPGRPDWK AGAGPGGPPQ KPAPSSQRKP PARPSAAAAA</p> <p>IAVAAAAEEER RLRQRNRLRL EEDKPAVERC LEEVFGDVE NDEDALLRRL RGPRVQEHED</p> <p>SGDSEVENEA KGNFPPQKKP VVWDEEDEDE EMVDMMNRF RKDMMKNASE SKLSKDNLKK</p> <p>RLKEEFQHAM GGVPWAETT KRKTSSDDES EEDEDDLQR TGNFISTSTS LPRGILKMKN</p> <p>CQHANAERPT VARISSVQFH PGAQIVMVAG LDNAVSLFQV DGKTNPKIQS IYLERFPIFK</p> <p>ACFSANGEEV LATSTHSKVL VVYDMLAGKL IPVHQVRGLK EKIVRSFEVS PDGSFLLING</p> <p>IAGYLHLLAM KTKELIGSMK INGRVAASTF SSDSKKVYAS SGDGEVYVWD VNSRKCLNRF</p> <p>VDEGSLYGLS IATSRNGQYV ACGSNCGVVN IYNQDSCLQE TNPKPIKAIM NLVTGVTSLT</p> <p>FNPTEILAI ASEKMKEAVR LVHLPSTVF SNFPVIKKN ISHVHTMDFS PRSGYFALGN</p> <p>EKGKALMYRL HHYSDF <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

**another tag necessary. In case you have a special request, please contact us.**

### 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, Western Blot

### Grade:

custom-made

## Target Details

### Target:

UTP18

### Alternative Name:

UTP18 ([UTP18 Products](#))

### Background:

U3 small nucleolar RNA-associated protein 18 homolog (WD repeat-containing protein 50),FUNCTION: Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. Involved in nucleolar processing of pre-18S ribosomal RNA. {ECO:0000269|PubMed:34516797}.

### Molecular Weight:

62.0 kDa

### UniProt:

[Q9Y5J1](#)

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## 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