

Datasheet for ABIN7545982
UTP3 Protein (AA 1-479) (His tag)



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Overview

Quantity:	1 mg
Target:	UTP3
Protein Characteristics:	AA 1-479
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UTP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat UTP3 Protein expressed in mammalian cells.
Sequence:	<p>MVGRSRRRGA AKWAAVRAKA GPTLTDENG DLGLPPSPGD TSYYQDQVDD FHEARSRAAL AKGWNEVQSG DEEDGEEEE EVLALDMDDE DDEDGGNAGE EEEEEENADDD GGSSVQSEAE ASVDPSLSWG QRKKLYYD TD YGSKSRGRQS QQEAEERE EEEEAQIIQR RLAQALQEDD FGVAVWEAFA KPVPQVDEAE TRVVKDLAKV SVKEKLKMLR KESPELLELI EDLKVKLTEV KDELEPLLEL VEQGIIPPGK GSQYLRTKYN LYLNYCSNIS FYLILKARRV PAHGHPVIER LVTYRNLINK LSVVDQKLSS EIRHLLTLKD DAVKKELIPK AKSTKPKPKS VSKTSAAACA VTDLSDDSD FDEKAKLKYYK EIEDRQKLKR KKEENSTEEQ ALEDQNAKRA ITYQIAKNRG LTPRRKKIDR NPRVKHREKF RRAKIRRRGQ VREVRKEEQ YSGELSGIRA GVKKSIKLK 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.</p>

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, Western Blot

Grade:

custom-made

Target Details

Target:

UTP3

Alternative Name:

UTP3 ([UTP3 Products](#))

Background:

Something about silencing protein 10 (Charged amino acid-rich leucine zipper 1) (CRL1) (Disrupter of silencing SAS10) (UTP3 homolog),FUNCTION: Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity). 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 (PubMed:34516797). {ECO:0000250|UniProtKB:Q12136, ECO:0000250|UniProtKB:Q9J113, ECO:0000269|PubMed:34516797}.

Molecular Weight:

54.6 kDa

UniProt:

[Q9NQZ2](#)

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