

Datasheet for ABIN7555169  
**UPF3A Protein (AA 1-476) (His tag)**



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## Overview

Quantity:	1 mg
Target:	UPF3A
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UPF3A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat UPF3A Protein expressed in mammalian cells.
Sequence:	MRSEKEGAGG LRAAVAARGP SGREKLSALE VQFHRDSQQQ EAETPPTSSS GCGGGAGKPR EEKRTALSKV VIRRLPPGLT KEQLEEQLRP LPAHDYFEFF AADLSLYPHL YSRAYINFRN PDDILLFRDR FDGYIFLDSK GLEYPVVEF APFQKIAKKK LRKKDAKTGS IEDDPEYKKF LETYCVVEEK TSANPETLLG EMEAKTRELI ARRTTPLLEY IKNRKLEKQR IREEKREERR RRELEKKRLR EEEKRRRREE ERCKKKETDK QKKIAEKEVR IKLLKKPEKG EEPTEKPK RGEEIDTGGG KQESCAPGAV VKARPMESGL EEPQETSHSG SDKEHRDVER SQQESEAQR YHVDDGRRHR AHHEPERLSR RSEDEQRWGK GPGQDRGKKG SQDSGAPGEA MERLGRAQRC DDSPAPRKER LANKDRPALQ LYDPGARFRA RECGGNRRIC KAEGSGTGPE KREEAE <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>

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

UPF3A

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### Alternative Name:

UPF3A ([UPF3A Products](#))

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### Background:

Regulator of nonsense transcripts 3A (Nonsense mRNA reducing factor 3A) (Up-frameshift suppressor 3 homolog A) (hUpf3),FUNCTION: Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex (EJC) and serving as link between the EJC core and NMD machinery. Recruits UPF2 at the cytoplasmic side of the nuclear envelope and the subsequent formation of an UPF1-UPF2-UPF3 surveillance complex (including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. However, UPF3A is shown to be only marginally active in NMD as compared to UPF3B. Binds spliced mRNA upstream of exon-exon junctions. In vitro, weakly stimulates translation. {ECO:0000269|PubMed:11163187, ECO:0000269|PubMed:16601204}.

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### Molecular Weight:

54.7 kDa

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### UniProt:

[Q9H1J1](#)

## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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