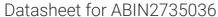
# antibodies -online.com





# **UPF3A Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)**



## Image



Go to Product page

Overview	
Quantity:	20 μg
Target:	UPF3A
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UPF3A protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human UPF3A / RENT3A (transcript variant 2) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	UPF3A
Alternative Name:	Upf3a,rent3a (UPF3A Products)
Background:	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The encoded protein is one of two functional

homologs to yeast Upf3p. mRNA surveillance detects exported mRNAs with truncated open

#### **Target Details**

reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctions. This gene is located on the long arm of chromosome 13. Two splice variants encoding different isoforms have been found for this gene.

Molecular Weight:

50.8 kDa

NCBI Accession:

NP\_542418

#### **Application Details**

**Application Notes:** 

Recombinant human proteins can be used for:

Native antigens for optimized antibody production

Positive controls in ELISA and other antibody assays

Comment:

The tag is located at the C-terminal.

Restrictions:

For Research Use only

#### Handling

Concentration:

50 μg/mL

Buffer:

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

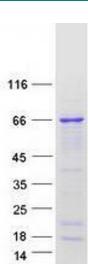
Storage:

-80 °C

Storage Comment:

Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze

immediately. Only 2-3 freeze thaw cycles are recommended.



## **Western Blotting**

Image 1. Validation with Western Blot