

Datasheet for ABIN7551476
RNFT1 Protein (AA 1-435) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RNFT1
Protein Characteristics:	AA 1-435
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNFT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RNFT1 Protein expressed in mammalien cells.
Sequence:	<p>MPLFLLSLPT PPSASGHERR QRPEAKTSGS EKKYL RAMQA NRSQLHSPPG TGSSDASTP QCVHTRLTGE GSCPHSGDVH IQINSIPKEC AENASSRNIR SGVHSCAHGC VHSRLRGHSH SEARLTDDTA AESGDHGSSS FSEFRYLFWK LQKSLPYILI LSVKLV MQHI TGISLGIGLL TTFMYANKSI VNQVFLRERS SKIQCAWLLV FLAGSSVLLY YTFHSQSLYY SLIFLNPTLD HLSFWEVFWI VGITDFILKF FFMGLKCLIL LVPSFIMPFK SKGYWYMLLE ELCQYYRTFV PIPVWFRYLI SYGEFGNVTR WSLGILLALL YLILKLEFF GHLRTRFQVL RIFFTQPSYG VAASKRQCSD VDDICSICQA EFQKPILLIC QHIFCEECMT LWFNREKTCPL CRTVISDHI NKWKDGATSS HLQIY 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>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	RNFT1
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Alternative Name:	RNFT1 (RNFT1 Products)
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Background:	E3 ubiquitin-protein ligase RNFT1 (EC 2.3.2.27) (Protein PTD016) (RING finger and transmembrane domain-containing protein 1),FUNCTION: E3 ubiquitin-protein ligase that acts in the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway, which targets misfolded proteins that accumulate in the endoplasmic reticulum (ER) for ubiquitination and subsequent proteasome-mediated degradation. Protects cells from ER stress-induced apoptosis. {ECO:0000269 PubMed:27485036}.
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Molecular Weight:	49.7 kDa
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UniProt:	Q5M7Z0
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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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Application Details

Restrictions: For Research Use only

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