

[Go to Product page](#)

Datasheet for ABIN7551519

RNF185 Protein (AA 1-192) (His tag)

Overview

Quantity:	1 mg
Target:	RNF185
Protein Characteristics:	AA 1-192
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF185 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNF185 Protein expressed in mammalian cells.
Sequence:	MASKGPSASA SPENSSAGGP SGSSNGAGES GGQDSTFECN ICLDTAKDAV ISLCGHLFCW PCLHQWLETR PNRQVCPVCK AGISRDKVIP LYGRGSTGQQ DPREKTPPRP QGQRPEPENR GGFQGFSGFD GGFQMSFGIG AFPFGIFATA FNINDGRPPP AVPGTPQYVD EQFLSRLFLF VALVIMFWLL IA 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• 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

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	RNF185
---------	--------

Alternative Name:	RNF185 (RNF185 Products)
-------------------	--

Background:	<p>E3 ubiquitin-protein ligase RNF185 (EC 2.3.2.27) (RING finger protein 185),FUNCTION: E3 ubiquitin-protein ligase that regulates selective mitochondrial autophagy by mediating 'Lys-63'-linked polyubiquitination of BNIP1 (PubMed:21931693). 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 (PubMed:27485036). Protects cells from ER stress-induced apoptosis (PubMed:27485036). Responsible for the cotranslational ubiquitination and degradation of CFTR in the ERAD pathway (PubMed:24019521). Also acts as a regulator of the innate antiviral response by catalyzing 'Lys-27'-linked polyubiquitination of CGAS at 'Lys-173' and 'Lys-384', thereby promoting CGAS cyclic GMP-AMP synthase activity (PubMed:28273161). Preferentially associates with the E2 enzymes UBE2J1 and UBE2J2 (PubMed:24019521).</p> <p>{ECO:0000269 PubMed:21931693, ECO:0000269 PubMed:24019521, ECO:0000269 PubMed:27485036, ECO:0000269 PubMed:28273161}.</p>
-------------	---

Molecular Weight:	20.5 kDa
-------------------	----------

UniProt:	Q96GF1
----------	------------------------

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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
