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Datasheet for ABIN7551506 **RNF170 Protein (AA 1-258) (His tag)**

Overview

Quantity:	1 mg
Target:	RNF170
Protein Characteristics:	AA 1-258
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF170 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RNF170 Protein expressed in mammalian cells.
Sequence:	MAKYQGEVQS LKLDDDSVIE GVSDQVLVAV VVSFALIATL VYALFRNVHQ NIHPENQELV RVLREQLQTE QDAPAATRQQ FYTDMYCPIC LHQASFPVET NCGHLFCGAC IIAYWRYGSW LGAISCPICR QTVTLLLTVF GEDDQSQDVL RLHQDINDYN RRFSGQPRSI MERIMDLPTL LRHAFREMFS VGGLFWMFRI RIILCLMGAF FYLISPLDFV PEALFGILGF LDDFFVIFLL LIYISIMYRE VITQRLTR 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.

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RNF170
Alternative Name:	RNF170 (RNF170 Products)
Background:	<p>E3 ubiquitin-protein ligase RNF170 (EC 2.3.2.27) (Putative LAG1-interacting protein) (RING finger protein 170) (RING-type E3 ubiquitin transferase RNF170),FUNCTION: E3 ubiquitin-protein ligase that plays an essential role in stimulus-induced inositol 1,4,5-trisphosphate receptor type 1 (ITPR1) ubiquitination and degradation via the endoplasmic reticulum-associated degradation (ERAD) pathway. Also involved in ITPR1 turnover in resting cells. Selectively inhibits the TLR3-triggered innate immune response by promoting the 'Lys-48'-linked polyubiquitination and degradation of TLR3 (PubMed:31076723).</p> <p>{ECO:0000269 PubMed:21610068, ECO:0000269 PubMed:31076723}.</p>
Molecular Weight:	29.8 kDa
UniProt:	Q96K19

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.
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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