

Datasheet for ABIN7559233
RNF170 Protein (AA 1-286) (His tag)



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Overview

Quantity:	1 mg
Target:	RNF170
Protein Characteristics:	AA 1-286
Origin:	Mouse
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:	<p>MQRYWRFQDN KIQDICFVGL GESWIQRPVM ARYYSEGQSL QQDDSFIEGV SDQVLVAVVV SLALTATLLY ALLRNVQQNI HPENQELVRV LREQFQTEQD VPAPARQQFY TEMYCPICLH QASFPVETNC GHLFCGSCII AYWRYGSWLG AISCPICRQT VLLLLTVFGE DDQSQDVIRL RQDVNDYNRR FSGQPRSIME RIMDLPTLLR HAFREVF SVG GLFWMFRIRI MLCLMGAFFY LISPLDFVPE ALFGILGFLD DFFVIFLLLI YISIMYREVI TQRLTR 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>
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:

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

Target Details

Target:	RNF170
Alternative Name:	Rnf170 (RNF170 Products)
Background:	E3 ubiquitin-protein ligase RNF170 (EC 2.3.2.27) (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). {ECO:0000269 PubMed:21610068, ECO:0000269 PubMed:31076723}.
Molecular Weight:	33.4 kDa
UniProt:	Q8CBG9

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