

Datasheet for ABIN7551459
RNF166 Protein (AA 1-237) (His tag)



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Overview

Quantity:	1 mg
Target:	RNF166
Protein Characteristics:	AA 1-237
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF166 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RNF166 Protein expressed in mammalien cells.
Sequence:	MAMFRSLVAS AQQRQPPAGP AGGDSGLEAQ YTCPICLEVY HRPVAIGSCG HTFCGECLQP CLQVPSPLCP LCRLPFDPKK VDKATHVEKQ LSSYKAPCRG CNKKVTLAKM RVHISSCLKV QEQMANCPKF VPVPTSQPI PSNIPNRSTF ACPYCGARNL DQQLVKHCV ESHRSDPNRV VCPICSAMPW GDPSYKSANF LQHLLHRHKF SYDTFVDYSI DEEAAFQAAL ALSLSEN 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.
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 mammalien 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, Western Blot

Grade: custom-made

Target Details

Target: RNF166

Alternative Name: RNF166 ([RNF166 Products](#))

Background: E3 ubiquitin-protein ligase RNF166 (EC 2.3.2.27) (RING finger protein 166) (RING-type E3 ubiquitin transferase RNF166),FUNCTION: E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates (PubMed:27880896). In turn, participates in different biological processes including interferon production or autophagy (PubMed:26456228, PubMed:27880896). Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6 (PubMed:26456228). Also plays a role in the early recruitment of autophagy adapters to bacteria (PubMed:27880896). Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication (PubMed:27880896). {ECO:0000269|PubMed:26456228, ECO:0000269|PubMed:27880896}.

Molecular Weight: 26.1 kDa

UniProt: [Q96A37](#)

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

Application Details

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