

Datasheet for ABIN7551517
RNF152 Protein (AA 1-203) (His tag)



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Overview

Quantity:	1 mg
Target:	RNF152
Protein Characteristics:	AA 1-203
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF152 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RNF152 Protein expressed in mammalien cells.
Sequence:	METLSQDSSL ECQICFNYYSPRRRPKLLDC KHTCCSVCLQ QMRTSQKDVR CPWCRCGVTKL PPGFSVSQLP DDPEVLAVIA IPHTSEHTPV FIKLPSNGCY MLPLISKER ALLPGDMGCR LLPGSQQKSV TVVTIPAEQQ PLQGGAPQEA VEEEQDRRGV VKSSTWSGVC TVILVACVLV FLLGIVLHNM SCISKRFTVI SCG 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:	<p>Key Benefits:</p> <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 transmembrane proteins.

Product Details

- 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:	RNF152
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Alternative Name:	RNF152 (RNF152 Products)
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Background:	E3 ubiquitin-protein ligase RNF152 (EC 2.3.2.27) (RING finger protein 152) (RING-type E3 ubiquitin transferase RNF152),FUNCTION: E3 ubiquitin-protein ligase that acts as a negative regulator of mTORC1 signaling by mediating ubiquitination of RagA/RRAGA and RHEB (PubMed:25936802, PubMed:30514904). Catalyzes 'Lys-63'-linked polyubiquitination of RagA/RRAGA in response to amino acid starvation, thereby regulating mTORC1 signaling (PubMed:25936802). Also mediates monoubiquitination of RHEB, promoting its association with the TSC-TBC complex and subsequent inhibition (PubMed:30514904). Also mediates 'Lys-48'-linked polyubiquitination of target proteins and their subsequent targeting to the proteasome for degradation (PubMed:21203937). Induces apoptosis when overexpressed (PubMed:21203937). {ECO:0000269 PubMed:21203937, ECO:0000269 PubMed:25936802, ECO:0000269 PubMed:30514904}.
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Molecular Weight:	22.4 kDa
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UniProt:	Q8N8N0
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. 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
