

Datasheet for ABIN7551450  
**RNF217 Protein (AA 1-542) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RNF217
Protein Characteristics:	AA 1-542
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF217 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RNF217 Protein expressed in mammalian cells.
Sequence:	<p>MGEEQSTVSG GGGPQESQTL ASGTAGHPEP PRPQGDSARA PPLRAASAEP SGGGCGSDWG CADTSAPEPA RSLGPPGWSK SRAPAQAGL ALTGPLNPQT LPLQLELEEE EEEAGDRKEG GDEQQEAPPG EELEPRTRVG AADGLVLDVL GQRRPSLAKR QVFCSVYCVE SDLPEAPASE QLSPPASPPG APPVLNPPST RSSFSPRLS LPTDSLSPDG GSIELEFYLA PEPFSMPDLL GAPPYSGLGG VGDPYVPLMV LMCRCLEDK PIKPLPCKK AVCEECLKVY LSAQVQLGQV EIKCPITECF EFLEETTVVY NLTHEDSIKY KYFLELGRID SSTKPCPQCK HFTTFKKGH IPTPSRSESK YKIQCPQCQF VWCfkchspw HEGVNCKEYK KGDKLLRHWA SEIEHGQRNA QKCPCKIHI QRTEGCDHMT CSQCNTNFCY RCGERYRQLR FFGDHTSNLS IFGCKYRYLP ERPHLRRLLVR GSVcagklfi APLIMVLGLA LGAIAVVIGL FVFPIYCLCK QQRKRSRTGM HW</p> <p><b>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.</b></p>

## Product Details

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**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.

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**Characteristics:** **Key Benefits:**

- 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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** RNF217

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**Alternative Name:** RNF217 ([RNF217 Products](#))

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**Background:** E3 ubiquitin-protein ligase RNF217 (EC 2.3.2.31) (IBR domain-containing protein 1) (Opposite STL) (RING finger protein 217),FUNCTION: E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the degradation of the iron exporter ferroportin/SLC40A1 and thus regulates iron homeostasis. {ECO:0000250|UniProtKB:D3YYI7}.

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**Molecular Weight:** 59.4 kDa

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**UniProt:** [Q8TC41](#)

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## Application Details

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**Application Notes:** We expect the protein to work for functional studies. As the protein has not been tested for

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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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