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Datasheet for ABIN7562143  
**RNF212 Protein (AA 1-307) (His tag)**

## Overview

Quantity:	1 mg
Target:	RNF212
Protein Characteristics:	AA 1-307
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF212 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Rnf212 Protein expressed in mammalien cells.
Sequence:	MASWVFCNRC FQSPHRKSSF SLTSCGHVYC HSCLLKGTKN ECVICQAPCQ TVLLSKHTNS NIQTFFLGID GLCKKYSQET SQISEFQEKH RRRLVAFYQE KISQLEESLR KSVLQIKQLQ SMRSSQQPAF NIKIKNSVSTK PNGYLFLPPN SSLPDRIESM DIDLTPPARK PEMSAGPSRI SVISPPQDGR MGSVTCRGPQ HLSLTPSHAS MTKASRVPL QMPYKELSPP PASQLSSRAT QGSPSPVSSS WTGPPRPIS ISGLLQRQCA GSASPRGMDT EKMSPFPLST PTNLRVAVSP WHACVHR <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>
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	RNF212
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Alternative Name:	Rnf212 ( <a href="#">RNF212 Products</a> )
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Background:	Probable E3 SUMO-protein ligase RNF212 (EC 2.3.2.-) (Probable E3 SUMO-protein transferase RNF212) (RING finger protein 212),FUNCTION: SUMO E3 ligase that acts as a regulator of crossing-over during meiosis: required to couple chromosome synapsis to the formation of crossover-specific recombination complexes. Localizes to recombination sites and stabilizes meiosis-specific recombination factors, such as MutS-gamma complex proteins (MSH4 and MSH5) and TEX11. May mediate sumoylation of target proteins MSH4 and/or MSH5, leading to enhance their binding to recombination sites. Acts as a limiting factor for crossover designation and/or reinforcement and plays an antagonist role with CCNB1IP1/HEI10 in the regulation of meiotic recombination. {ECO:0000269 PubMed:23396135, ECO:0000269 PubMed:24390283}.
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Molecular Weight:	33.9 kDa
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UniProt:	<a href="#">F6TQD1</a>
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## Application Details

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

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as well. As the protein has not been tested for 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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