

Datasheet for ABIN7551504

## RMDN3 Protein (AA 1-470) (His tag)



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### Overview

Quantity:	1 mg
Target:	RMDN3 (FAM82A2)
Protein Characteristics:	AA 1-470
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RMDN3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat RMDN3 Protein expressed in mammalian cells.
Sequence:	<p>MSRLGALGGA RAGLG LLLGT AAGLGFLCLL YSQRWKRTQR HGRSQSLPNS LDYTQTSDPG  RHVMLLRAMP GGAGDASVLP SLPREGQEKV LDRLDFVLTS LVALRREVEE LRSSLRGLAG  EIVGEVRCHM EENQRVARRR RFPFVRERSD STGSSSVYFT ASSGATFTDA ESEGGYTTAN  AESDNERDSD KESEEDGEDEV SCETVKMGRK DSLDLEEEAA SGASSALEAG GSSGLEDVLP  LLQQADELHR GDEQGKREGF QLLLNNKL VY GSRQDFLWRL ARAYS DMCEL TEEVSEKKS Y  ALDGKEEA EA ALEKGDESAD CHLWYAVLCG QLA EHESIQR RIQSGFSFKE HVDKAIALQP  ENPMAHFLLG RWCYQVSHLS WLEKKTATAL LESPLSATVE DALQSFLKAE ELQPGFSKAG  RVYISKCYRE LGKNSEARWW MKLAL ELPDV TKEDLAIQKD LEELEVILRD <b>Sequence without tag.</b></p> <p><b>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

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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

Target:	RMDN3 (FAM82A2)
Alternative Name:	RMDN3 ( <a href="#">FAM82A2 Products</a> )
Background:	Regulator of microtubule dynamics protein 3 (RMD-3) (hRMD-3) (Cerebral protein 10) (Protein FAM82A2) (Protein FAM82C) (Protein tyrosine phosphatase-interacting protein 51) (TCPTP-interacting protein 51),FUNCTION: Involved in cellular calcium homeostasis regulation. May participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis. {ECO:0000269 PubMed:16820967, ECO:0000269 PubMed:22131369}.
Molecular Weight:	52.1 kDa
UniProt:	<a href="#">Q96TC7</a>

## 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 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