

Datasheet for ABIN7551468

## RMND5B Protein (AA 1-393) (His tag)



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### Overview

Quantity:	1 mg
Target:	RMND5B
Protein Characteristics:	AA 1-393
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RMND5B protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant RMND5B Protein expressed in mammalian cells.
Sequence:	<p>MEQCACVERE LDKVLQKFLT YGQHCERSLE ELLHYVGQLR AELASAALQG TPLSATLSLV  MSQCCRKIKD TVQKLASDHK DIHSSVSRVG KAIDRNFDSE ICGVVSDAVW DAREQQQIL  QMAIVEHLYQ QGMLSVAEEL CQESTLNVDL DFKQPFLELN RILEALHEQD LGPALEWAVS  HRQRLLELNS SLEFKLHRLH FIRLLAGGPA KQLEALSYAR HFQPFARLHQ REIQVMMGSL  VYLRLGLEKS PYCHLLDSSH WAEICETFTR DACSLLGLSV ESPLSVSFAS GCVALPVLNM  IKAVIEQRQC TGVWNHKDEL PIEIELGMKC WYHSVFACPI LRQQTSDSNP PIKLICGHVI  SRDALNKLIN GGKLKCPYCP MEQNPADGKR IIF</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>
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.

## 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	RMND5B
Alternative Name:	RMND5B ( <a href="#">RMND5B Products</a> )
Background:	<p>E3 ubiquitin-protein transferase RMND5B (EC 2.3.2.27) (Protein RMD5 homolog B),FUNCTION: Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. MAEA and RMND5A are both required for catalytic activity of the CTLH E3 ubiquitin-protein ligase complex (PubMed:29911972). Catalytic activity of the complex is required for normal cell proliferation (PubMed:29911972). The CTLH E3 ubiquitin-protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1 (PubMed:29911972). {ECO:0000269 PubMed:29911972}.</p>
Molecular Weight:	44.4 kDa
UniProt:	<a href="#">Q96G75</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. 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