

Datasheet for ABIN7560116
RMND5B Protein (AA 1-393) (His tag)



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Overview

Quantity:	1 mg
Target:	RMND5B
Protein Characteristics:	AA 1-393
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RMND5B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rmnd5b Protein expressed in mammalian cells.
Sequence:	<p>MEQCACVERE LDKVLHKFLT YGQHCEQSLE ELLHSVGQLR AELASAALQG TPLSATLSLV MSQCCRKIRD TVQKLASDHK DIHSSVSRVG KAIDRNFDS ICGVVSDAVW DSREKQQIL QMAIVEHLYQ QGMLSVAEEL CQESTLNVDL DFKQPFLN RILEALHEQD LGPALEWAVS HRQRLELNS SLEFKLHRLH FIRLLAGGPE KQLEALSYAR HFQPFARLHQ REIQVMMGSL VYLRLGLEKS PYCHLLDNSH WAEICETFTR DACSLLGLSV ESPLSVSFAS GCVALPVLN IKAVIEQRQC TGVWSHKDEL PIEELGMKC WYHSVFACPI LRQQTSDSNP PIKLCIGHVI SRDALNKLIN GGKLKCPYCP MEQNPADGKR IIF 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: RMND5B

Alternative Name: Rmnd5b ([RMND5B Products](#))

Background: 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. Catalytic activity of the complex is required for normal cell proliferation. The CTLH E3 ubiquitin-protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1. {ECO:0000250|UniProtKB:Q96G75}.

Molecular Weight: 44.4 kDa

UniProt: [Q91YQ7](#)

Application Details

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

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