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Datasheet for ABIN2725966

## MIB1 Protein (Myc-DYKDDDDK Tag)

1 Image

1 Publication

### Overview

Quantity:	20 µg
Target:	MIB1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIB1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

### Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human MIB1 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
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Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
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### Target Details

Target:	MIB1
Alternative Name:	Mib1 ( <a href="#">MIB1 Products</a> )
Background:	This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1).
Molecular Weight:	110 kDa

## Target Details

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NCBI Accession: [NP\\_065825](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

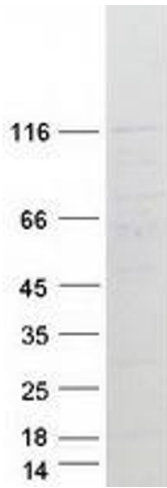
Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

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Product cited in: Kwon, Dimitriadi, Terzic, Cable, Hart, Chitnis, Fischbeck, Burnett: "The E3 ubiquitin ligase mind bomb 1 ubiquitinates and promotes the degradation of survival of motor neuron protein." in: **Molecular biology of the cell**, Vol. 24, Issue 12, pp. 1863-71, (2013) ([PubMed](#)).



### Western Blotting

**Image 1.** Validation with Western Blot