

Datasheet for ABIN7558971  
**RHPN2 Protein (AA 1-686) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | RHPN2  |
| Protein Characteristics:      | AA 1-686                                     |
| Origin:                       | Mouse  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This RHPN2 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)        |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinat Rhpn2 Protein expressed in mammalien cells.  |
| Sequence: | MTDTLLPAAP QPLEKEGDDY FRKGCNPLAQ TGRSKLQNQR AALNQQILKA VRMRTGAENL<br>LKVATNQKVR EQVRELSFV NSDLQMLKEE LEGLNISVGV YQGTEEAFTI PLIPLGLKET<br>KEVDFSIVFK DFILEHYSED SYLYEDDIAD LMDLRQACRT PSRDEAGVEL LMSYFIQLGF<br>VESRFFPPTR HMGLLFTWYD SFTGVPVSQQ TLLLEKASVL FNIGALYTQI GTRCNRQTQA<br>GLESAVDAFQ RAAGVLNLYK ETFTHTPSYD MSPAMLSVLV KMMLAQAES VFEKVCLPGI<br>QNEFFVLVKV AQEAAKVAEA YRQLHAAMSQ EPVKENIPYS WASVAYVKAY HYGALAHYFA<br>ATLLIDHQLK PGADEDHQEK CLSQLYDRMP EGMTPLATLK NAGQRVLLGK GHLHRAIGFH<br>EESLREANLC KKL RDIVLR DVLSAAHQRT QLKHTQHRED DLLNLIDAP DVLPKTEREV<br>KITFPDFSKV TVTDFFQKLG PLSVFSASKR WSPPRGIHFT VEEGDLGFTL RGNTPVQVHF<br>LDPHCSASLA GAKEGDYIVS IQGVDCKWLT VSEVMKLLKS FGGEVEMKV VSLLDSTSSM<br>HNKCATYSVG MQKTYSMICL SMDDDDKADK TTKISKKLSF LSWGTSKNRQ KSASTLCLPE |

## Product Details

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VGLARSQNKK KLPTPFSLN SDSSLY **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.**

### Characteristics:

#### Key Benefits:

- 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

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### Target:

RHPN2

### Alternative Name:

Rhpn2 ([RHPN2 Products](#))

### Background:

Rhopilin-2 (GTP-Rho-binding protein 2),FUNCTION: Binds specifically to GTP-Rho. May function in a Rho pathway to limit stress fiber formation and/or increase the turnover of F-actin structures in the absence of high levels of RhoA activity (By similarity). {ECO:0000250}.

### Molecular Weight:

77.0 kDa

### UniProt:

[Q8BWR8](#)

## Application Details

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### 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

## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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