

Datasheet for ABIN7555136  
**RAB3IP Protein (AA 1-476) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RAB3IP
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB3IP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RAB3IP Protein expressed in mammalian cells.
Sequence:	<p>MGLKKMKGLS YDEAFAMAND PLEGFHEVNL ASPTSPDLLG VYESGTQEQT TSPSVIYRPH PSALSSVPIQ ANALDVSELP TQPVYSSPRR LNCAEISSIS FHVTD PAPCS TSGV TAGLTK LTTRKDN YNA EREFLQGATI TEACDGSDDI FGLSTDLSLR LRSPSVLEVR EKG YERLKEE LAKAQRELKL KDEECERLSK VRDQLGQELE ELTASLFEEA HKMVREANIK QATAEKQLKE AQQKIDVLQA EVAALKTLVL SSSPTSPTQE PLPGGKTPFK KGHTRNKSTS SAMSGSHQDL SVIQPIVKDC KEADLSLYNE FRLWKDEPTM DRTCPFLDKI YQEDIFPCLT FSKSELASAV LEAVENNTLS IEPVGLQPIR FVKASAVECG GPKKCALTGQ SKSCKHRIKL GDSSNYYYIS PFCRYRITSV CNFFTYIRYI QQGLVKQQDV DQMFWEVMQL RKEMSLAKLG YFKEEL <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

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

RAB3IP

### Alternative Name:

RAB3IP ([RAB3IP Products](#))

### Background:

Rab-3A-interacting protein (Rab3A-interacting protein) (Rabin-3) (Rabin8) (SSX2-interacting protein),FUNCTION: Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B (PubMed:12221131, PubMed:26824392). Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form (PubMed:12221131, PubMed:26824392). Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5 (PubMed:20937701, PubMed:26824392). Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface (PubMed:12221131). Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis (PubMed:20890297). Part of the ciliary targeting complex containing Rab11, ASAP1, RAB3IP and RAB11FIP3 and ARF4 that promotes RAB3IP preciliary vesicle trafficking to mother centriole and ciliogenesis initiation

## Target Details

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(PubMed:31204173, PubMed:25673879). {ECO:0000269|PubMed:12221131, ECO:0000269|PubMed:20890297, ECO:0000269|PubMed:20937701, ECO:0000269|PubMed:25673879, ECO:0000269|PubMed:26824392, ECO:0000269|PubMed:31204173}.

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Molecular Weight: 53.0 kDa

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UniProt: [Q96QF0](#)

## Application Details

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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.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months