

Datasheet for ABIN7551391

## RAB11FIP5 Protein (AA 1-653) (His tag)



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### Overview

Quantity:	1 mg
Target:	RAB11FIP5
Protein Characteristics:	AA 1-653
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB11FIP5 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant RAB11FIP5 Protein expressed in mammalian cells.
Sequence:	<p>MALVRGAEPA AGPSRWLPTH VQVTVLRARG LRGKSSGAGS TSDAYTVIQV GREKYSTSVV  EKTHGCPWR EECSFELPPG ALDGLLRAQE ADAGPAPWAA SSAAACELVL TTMHRSLIGV  DKFLGQATVA LDEVFGAGRA QHTQWYKLHS KPGKKEKERG EIEVTIQFTR NNLSASMFDL  SMKDKPRSPF SKIRDKMKGK KKYDLESASA ILPSSAIEDP DLGSLGKMGK AKGFFLRNKL  RKSSLTQSNT SLGSDSTLSS ASGSLAYQGP GAELLTRSPS RSSWLSTEGG RDSAQSPKLF  THKRTYSDEA NQMRVAPPRA LLDLQGHLLA ASRSSLCVNG SHIYNEEPQG PVRHRSSISG  SLPSSGSLQA VSSRFSEEGP RSTDDTWPRG SRSNSSSEAV LGQEELSAQA KVLAPGASHP  GEEGARLPE GKPVQVATPI VASSEAVA EK EGARKEERKP RMGLFHHHHQ GLSRSELGRR  SSLGEKGGPI LGASPHHSSS GEEKAKSSWF GLREAKDPTQ KPSHPVKPL SAAPVEGSPD  RKQSRSSLSI ALSSGLEKLK TVTSGSIQPV TQAPQAGQMV DTKRLKDSAV LDQSAKYYHL  THDELISLLL QRERELSQRD EHVQELESYI DRLLVRIMET SPTLLQIPPG PPK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a</b></p>

**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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.
Characteristics:	<p>Key Benefits:</p> <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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RAB11FIP5
Alternative Name:	RAB11FIP5 ( <a href="#">RAB11FIP5 Products</a> )
Background:	Rab11 family-interacting protein 5 (Rab11-FIP5) (Gamma-SNAP-associated factor 1) (Gaf-1) (Phosphoprotein pp75) (Rab11-interacting protein Rip11),FUNCTION: Rab effector involved in protein trafficking from apical recycling endosomes to the apical plasma membrane. Involved in insulin granule exocytosis. May regulate V-ATPase intracellular transport in response to extracellular acidosis. {ECO:0000269 PubMed:11163216, ECO:0000269 PubMed:20717956}.
Molecular Weight:	70.4 kDa
UniProt:	<a href="#">Q9BXF6</a>
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Carbohydrate Homeostasis</a>

## 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.
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