

Datasheet for ABIN7545218
YIPF5 Protein (AA 1-257) (His tag)



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Overview

Quantity:	1 mg
Target:	YIPF5
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This YIPF5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat YIPF5 Protein expressed in mammalien cells.
Sequence:	<p>MSGFENLNTD FYQTSYSIDD QSQQSYDYGG SGGPYSKQYA GYDYSQQGRF VPPDMMQPQQ PYTGQIQPT QAYTPASPQP FYGNNEFEDEP PLLEELGINF DHIWQKTLTV LHPLKVADGS IMNETDLAGP MVFCLAFGAT LLLAGKIQFG YVYGISAIGC LGMFCLLNLM SMTGVSFGCV ASVLGYCLLP MILLSSFAVI FSLQGMVGI LTAGIIGWCS FSASKIFISA LAMEGQQLLV AYPCALLYGV FALISVF 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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: YIPF5

Alternative Name: YIPF5 ([YIPF5 Products](#))

Background: Protein YIPF5 (Five-pass transmembrane protein localizing in the Golgi apparatus and the endoplasmic reticulum 5) (Smooth muscle cell-associated protein 5) (SMAP-5) (YIP1 family member 5) (YPT-interacting protein 1 A),FUNCTION: Plays a role in transport between endoplasmic reticulum and Golgi. In pancreatic beta cells, required to transport proinsulin from endoplasmic reticulum into the Golgi (PubMed:33164986). {ECO:0000269|PubMed:11489904, ECO:0000269|PubMed:15611160, ECO:0000269|PubMed:33164986}.

Molecular Weight: 28.0 kDa

UniProt: [Q969M3](#)

Application Details

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 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