

Datasheet for ABIN7545216
YIF1B Protein (AA 1-314) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	YIF1B
Protein Characteristics:	AA 1-314
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This YIF1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat YIF1B Protein expressed in mammalien cells.
Sequence:	MHPAGLAAAA AGTPRLRKWP SKRRIPVSQP GMADPHQLFD DTSSAQRGY GAQRAPGGLS YPAASPTPHA AFLADPVSNM AMAYGSSLAA QGKELVDKNI DRFIPITKLK YYFAVDTMVY GRKLGLLFFP YLHQDWEVQY QQDTPVAPRF DVNAPDLIYIP AMAFITYVLV AGLALGTQDR FSPDLLGLQA SSALAWLTLE VLAILLSLYL VTVNTDLTTI DLVAFLGYKY VGMIGGVLMG LLFGKIGYYL VLGWCCVAIF VFMIRTLRLK ILADAAAEGV PVRGARNQLR MYLTMAVAAA QPMLMYWLTF HLVR 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	YIF1B
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Alternative Name:	YIF1B (YIF1B Products)
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Background:	Protein YIF1B (YIP1-interacting factor homolog B),FUNCTION: Functions in endoplasmic reticulum to Golgi vesicle-mediated transport and regulates the proper organization of the endoplasmic reticulum and the Golgi (By similarity). Plays a key role in targeting to neuronal dendrites receptors such as HTR1A (By similarity). Plays also a role in primary cilium and sperm flagellum assembly probably through protein transport to these compartments (PubMed:33103737). {ECO:0000250 UniProtKB:Q6PEC3, ECO:0000250 UniProtKB:Q9CX30, ECO:0000269 PubMed:33103737}.
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Molecular Weight:	34.4 kDa
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UniProt:	Q5BJH7
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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.
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Application Details

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