

Datasheet for ABIN7559421
IFT80 Protein (AA 1-777) (His tag)



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Overview

Quantity:	1 mg
Target:	IFT80
Protein Characteristics:	AA 1-777
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFT80 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ift80 Protein expressed in mammalian cells.
Sequence:	<p>MRLKISLSKE PKHQELVSCV GWTTAEELYS CSDDHQIVKW NLLTSETSLI VKLPDDIYPI DLHWFPKSLG IKKQTQAESF VLTSSDGKFH LISKLRVEK SVEAHC GAVL AGRWNYEGTA LVTVGEDGQV KIWSKTGMLR STLAQQGTPV YSVAWGPDSE KVLTYAGKQL IIKPLQPNAK VLQWKAHDGI ILKVDWNSVN DLILSAGEDC KYKVVDSYGR VLYGSPHEH PITSAWAPD GELFAVGSFH TLRLCDKTGW SYALEKPNTG SIFNIAWSID GTQIAGACGN GHVVFVAVVE QRWEWKNFQV TLTKRRTMQV RNVLNDVAVL LEFRDRVIKA SLNHAHLVVS TSLQCYVFST KNWNTPLIFD LKEGTVSLIL QAERHFLLVD GGGIYLHSYE GRFISSPKFP GMRTDILNAQ TVLSNDTIA IKDKADEKII FLFEASTGKP LGDGKLLSHK NEISEIALDQ KGLTNRKIA FIDKNRDLYI TSVKRFGKEE QIIKLGTMVH TLAWCDTCNI LCGIQDTRFT VWYYPNTIYV DRDILPKTLY ERDASEYSKN PHIVSFVGNQ VTIRRADGSL VTHISPYP A ILHEYVSSSK WEEAVRLCRF VKEQSMWACL AAMAVANRDM VTAEIYAAV GEIDKVRVYIN AIKDLPSRES KMAHILMFSG</p>

Product Details

NIQEAETVLL QAGLVYQAIQ ININLYNWER ALELAVKYKT HVDTVLAYRQ KFLDTFGKQE
TNKRYLQYAE GLQIDWEKIK AKIEMEITKE RDRSSSGQSS KSVG LKH **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

Target:

IFT80

Alternative Name:

Ift80 ([IFT80 Products](#))

Background:

Intraflagellar transport protein 80 homolog (WD repeat-containing protein 56),FUNCTION: Component of the intraflagellar transport (IFT) complex B, which is essential for the development and maintenance of motile and sensory cilia. {ECO:0000250}.

Molecular Weight:

87.8 kDa

UniProt:

[Q8K057](#)

Pathways:

[Hedgehog Signaling](#)

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
