

Datasheet for ABIN7548526  
**IFT80 Protein (AA 1-777) (His tag)**



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## Overview

Quantity:	1 mg
Target:	IFT80
Protein Characteristics:	AA 1-777
Origin:	Human
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:	MRLKISLLKE PKHQELVSCV GWTTAEELYS CSDDHQIVKW NLLTSETTQI VKLPDDIYPI DFHWFPKSLG VKKQTQAESF VLTSSDGKFH LISKLGRVEK SVEAHC GAVL AGRWNYEGTA LVTVGEDGQI KIWSKTGMLR STLAQQGTPV YSVAWGPDS KVL YTAGKQL IIKPLQ PNAK VLQWKAHDGI ILKVDWNSVN DLILSAGEDC KYKWD SYGR PLYNSQPHEH PIT SVAWAPD GELFAVGSFH TLRLCDKTGW SYALEKPNTG SIFNIAWSID GTQIAGACGN GHVVF AHVVE QHW EWKNFQV TLTKRRAMQV RNLNDAVDL LEFRDRVIKA SLNYAHLVVS TSLQCYVFST KNWNTPIIFD LKEGTVSLIL QAERHFLVD GSS IYLYSYE GRFISSPKFP GMRTDILNAQ TVLSNDTIA IRDKADEKII FLFEASTGKP LGDGKFLSHK NEILEIALDQ KGLTNRKIA FIDKNRDLCI TSVKRFGKEE QIIKLGTMVH TLAWNDTCNI LCGLQDTRFI VWYYPNTVYV DRDILPKTLY ERDASEFSKN PHIVSFVGNQ VTIRRADGSL VHISITPYPA ILHEYVSSSK WEDAVRLCRF VKEQTMWACL AAMAVANRDM TTAEIAYAAI GEIDKVQYIN SIKNLPSKES KMAHILLFSG

## Product Details

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NIQEAEIVLL QAGLVYQAIQ ININLYNWER ALELAVKYKT HVDTVLAYRQ KFLETFGKQE

TNKRYLHYAE GLQIDWEKIK AKIEMEITKE REQSSSSQSS KSIGLKP **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

IFT80

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### Alternative Name:

IFT80 ([IFT80 Products](#))

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### 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:0000269|PubMed:17468754}.

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### Molecular Weight:

88.0 kDa

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### UniProt:

[Q9P2H3](#)

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### Pathways:

[Hedgehog Signaling](#)

## Application Details

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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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Restrictions: For Research Use only

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## 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

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