

Datasheet for ABIN7557698
IFT88 Protein (AA 1-824) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IFT88
Protein Characteristics:	AA 1-824
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFT88 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ift88 Protein expressed in mammalian cells.
Sequence:	<p>MENVHLAPET DEDDLYSGFN DYNPAYDTEE LENDTGFGQA VRTSHGRRPP VTAKIPSTAV SRPIATGYGS KTSLTSSMGR PMTGTIQDGV ARPMTAVRAA GFSKAALRGS AFDPLGQSRG PAPPLEAKNE DSPEEKIRQL EKKVNLVEE SCIANSCGDL KLALEKAKDA GRKERVLRQ REQVTSPENI NLDLTYSVLF NLASQYSANE MYAEALNTYQ VIVKNKMFSN AGRKLVNMGN IYLKQRNYSK AIKFYRMALD QIPSVHKEMR IKIMQNIGIT FIKTGQYSDA INSFEHIMSM APSLKAGFNL ILSCFAIGDR EKMKKAFQKL IAVPLEIDED DKYISPSDDP HTNLLIEAIK NDHLRQMERE RKAMAKEYIM TAAKLIAPVI EASFAVGYNW CVEVVKASQY VELANDLEIN KAITYLRQKD FNQAVDTLKM FEKKDSRVKS AAATNLSFLY YLENEFAQAS SYADLAVNSD RYNPSALTNK GNTVFANGDY EKAAEFYKEA LRNDSSCTEA LYNIGLTYKK LNRLDEALDS FLKLHAILRN SAQVLCQIAN IYELMEDPNQ AIEWLMQLIS VVPTDSQALS KLGELYDSEG DKSQAFQYYY ESYRYFPSNI EVIEWLGAYY IDTQFCEKAI QYFERASLIQ PTQVKWQLMV</p>

Product Details

ASCFRRSGNY QKALDITYKEI HRKFPENVEC LRFLVRLCTD IGLKEVQEYA TKLKRLEKMK
EMREQRIKSG RDSSGGSRSK REGSAGSDSG QNNSASSKSE RLSAKLRALP GTDEPYESSG
NKEIDASYVD PLGPQIERPK TAAKKRIDED DFADEELGDD LLPE **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:

IFT88

Alternative Name:

Ift88 ([IFT88 Products](#))

Background:

Intraflagellar transport protein 88 homolog (Recessive polycystic kidney disease protein Tg737) (Tetratricopeptide repeat protein 10) (TPR repeat protein 10) (TgN(ImorpK)737Rpw),FUNCTION: Positively regulates primary cilium biogenesis (PubMed:31761534, PubMed:11062270, PubMed:21289087). Also involved in autophagy since it is required for trafficking of ATG16L and the expansion of the autophagic compartment. {ECO:0000269|PubMed:11062270, ECO:0000269|PubMed:21289087, ECO:0000269|PubMed:31761534}.

Molecular Weight:

93.0 kDa

Target Details

UniProt: [Q61371](#)

Pathways: [Hedgehog Signaling, Sensory Perception of Sound](#)

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
