

Datasheet for ABIN7548510
IFT52 Protein (AA 1-437) (His tag)



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Overview

Quantity:	1 mg
Target:	IFT52
Protein Characteristics:	AA 1-437
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFT52 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IFT52 Protein expressed in mammalian cells.
Sequence:	MEKELRSTIL FNAYKKEIFT TNNGYKSMQK KLRSNWKIQS LKDEITSEKL NGVKLWITAG PREKFTAAEF EILKKYLDTG GDVFMVLGEG GESRFDTNIN FLLEEYGIMV NNDVVRNVY HKYFHPKEAL VSSGVLNREI SRAAGKAVPG IIDESSGNN AQALTFVYPF GATLSVMKPA VAVLSTGSVC FPLNRPILAF YHSKNQGGKL AVLGSCHEMS DQYLDKEENS KIMDVVFQWL TTGDIHLNQI DAEDPEISDY MMLPYTATLS KRNRECLQES DEIPRDFTTL FDLISFQLDT TSFHSVIEAH EQLNVKHEPL QLIQPQFETP LPTLQPAVFP PSFRELPPPP LELFDLDET SSEKARLAQI TNKCTEEDLE FYVRKCGDIL GVTSKLPKDQ QDAKHILEHV FFQVVEFKKL NQEHIDITSE TAFQNNF 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	IFT52
Alternative Name:	IFT52 (IFT52 Products)
Background:	Intraflagellar transport protein 52 homolog (Protein NGD5 homolog),FUNCTION: Involved in ciliogenesis as part of a complex involved in intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia (PubMed:27466190). Required for the anterograde transport of IFT88 (PubMed:27466190). {ECO:0000269 PubMed:27466190}.
Molecular Weight:	49.7 kDa
UniProt:	Q9Y366

Application Details

Application Notes:	We expect the protein to work for functional studies. 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