

Datasheet for ABIN7553243

C16orf80 Protein (AA 1-193) (His tag)



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Overview

Quantity:	1 mg
Target:	C16orf80
Protein Characteristics:	AA 1-193
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C16orf80 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CFAP20 Protein expressed in mammalian cells.
Sequence:	<p>MFKNTFQSGF LSILYSIGSK PLQIWDKKVR NGHIKRITDN DIQSLVLEIE GTNVSTTYIT</p> <p>CPADPKKTLG IKLPFLVMII KNLKKYFTFE VQVLDDKNVR RRFRASNYQS TTRVKPFICT</p> <p>MPMRLDDGWN QIQFNLLDFT RRAYGTNYIE TLRVQIHANC RIRRVYFSDR LYSEDELP AE</p> <p>FKLYLPVQNK AKQ 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.</p>
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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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

Product Details

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

Target Details

Target:	C16orf80
Alternative Name:	CFAP20 (C16orf80 Products)
Background:	Cilia- and flagella-associated protein 20 (Basal body up-regulated protein 22) (Transcription factor IIB),FUNCTION: Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility (PubMed:24414207). Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:36191189). Involved in the regulation of the size and morphology of cilia (PubMed:24414207). Required for axonemal microtubules polyglutamylation (PubMed:24414207). {ECO:0000269 PubMed:24414207, ECO:0000269 PubMed:36191189}.
Molecular Weight:	22.8 kDa
UniProt:	Q9Y6A4

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