Datasheet for ABIN7560512

EFCAB2 Protein (AA 1-164) (His tag)

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Overview

Quantity:	1 mg
Target:	EFCAB2
Protein Characteristics:	AA 1-164
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFCAB2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Efcab2 Protein expressed in mammalian cells.
Sequence:	MAEERDAEGT EALIAELHKK IKDAFEVFDH ESNNTVDVRE IGTIIRSLGC CPTEGELHDF IAEIEEEEPT GYIRFEKFIP VMTRALVERR YRPAAEDILL RAFEVLDPAK RGFLTKDELV KYMTEEGEPF SQEEMEEMLS AAIDPESNTI NYRDYITMMV VDEN **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.
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

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:	EFCAB2
Alternative Name:	Efcab2 (EFCAB2 Products)
Background:	Dynein regulatory complex protein 8 (EF-hand calcium-binding domain-containing protein 2),FUNCTION: Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. {ECO:0000250|UniProtKB:A8J3A0}.
Molecular Weight:	18.9 kDa
UniProt:	Q9CQ46

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

Handling

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

