

Datasheet for ABIN7547307

EFCAB7 Protein (AA 1-629) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	EFCAB7
Protein Characteristics:	AA 1-629
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFCAB7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EFCAB7 Protein expressed in mammalian cells.
Sequence:	<p>MAISPRSDAT FSSQKSTPSE SPRTKKFPLT EEEIFYMNCR AAYLTVFKSS LENIISKDQL YLALQHAGRN PSQKTINKYW TPQTAKLNFD DFCILRKEK PTSKAELLKS FKQLDVNDDG CILHTDLYKF LTKRGEKMTR EEVNAINLA DVNADGKFDY IKFCKLYMTT NEQCLKTTLE KLEVDSKLMR HQFGNHIEGS PERDPSPVPK PSPKITRKT D PETFLNKGDT RSSLLSATRK FKTSVSFTVT MGANGNRNSK LMEPNLIKDW QHMQSKGCFF LEEDGEIISH QYRMQIAQRS MVYLTIKPLN LSQVEGKPS WLSVDTALYI LKENESQANL QLVCFTELRLN REVFGWTGEL GPGIYWLIPS TTGCRLRKKI KPVTDEAQLV YRDETGELFL TKEFKSTLSD IFEVIDLDGN GLLSLEEYNF FELRTSGEKC DEDAWAVCRE NFDTKRNELT RQGFM DLNLM EANDREGDPC DLWVTLHSMG YNKALELTEA CPFVIDIYAE KCKPKIKAVH MEACSGQLEK AICKSVLSNG DAKVM DGYEN IIVHTYSCDT WITSVIENKS DEKVIIHISN ELSKNCINNR GLNIFAVEVG PKSTMVCQHV MPLNERQEWI YYCIYSLIS</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the</p>

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:	<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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	EFCAB7
Alternative Name:	EFCAB7 (EFCAB7 Products)
Background:	EF-hand calcium-binding domain-containing protein 7,FUNCTION: Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling. Required for the localization of the EVC2:EVC subcomplex at the base of primary cilia. {ECO:0000250 UniProtKB:Q8VDY4}.
Molecular Weight:	72.0 kDa
UniProt:	A8K855

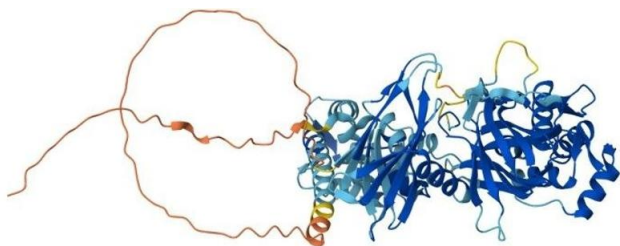
Application Details

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

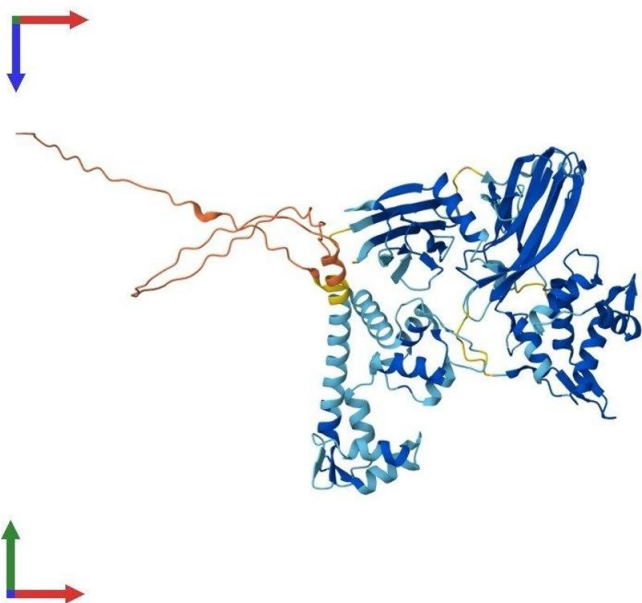
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



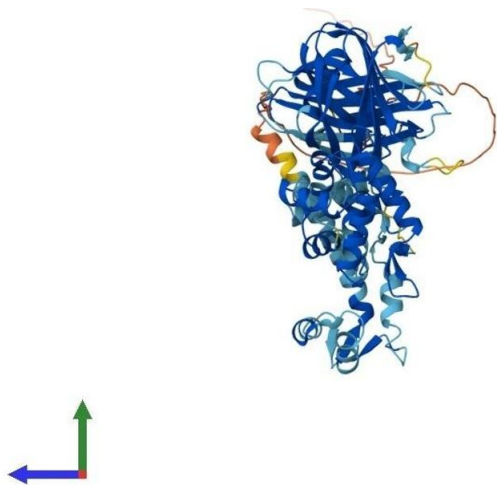
Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant EFCAB7 Protein, UniprotID A8K855



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant EFCAB7 Protein, UniprotID A8K855



Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant EFCAB7 Protein, UniprotID A8K855