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Datasheet for ABIN7559877

EFCAB7 Protein (AA 1-628) (His tag)

Overview

Quantity:	1 mg
Target:	EFCAB7
Protein Characteristics:	AA 1-628
Origin:	Mouse
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:	MASNPGSDAA LGTQNPLLSG SPRTKKFPLT EQEVFYMNCR AAYLTIFKSS LENIISKDQL YLALQHAGRN PSQKTINKYW TPQTAKLNFD DFCIILSKEK PTSKAELLKS FKKLDVNDDG AILHSDLQKY LTKRGEKMTQ EEVNAVINLA DINANGKFDY VKFCKLYMTT SEQCLKTTLE RLEADSKLRR QQFGSHMEGS PERGPSPAPK PSPRVIRKND QETFSSKGDT SHALLSTTRK FKTSVSFTMT MSANSNQDST LTEPNLKDWQ CAQSKGCFFL EEDGEVSHQ YKMHIAQRSV LYLTIKPLYL SQVEGKRCPW LSVDTALYIL KKNENPAEPQ LMCFTELRNR EVFGWTGELE AGIYWLIPST TGCRLKKETK PVTEEAQLVH RDETGELSLT SEFRSTLSEI FEVIDLDGNG LISLEEYNTF ELRTSGEKCD EDAAVVCREN FDTKKNELTR QGFMDLHLME ANDREGDPLD LWVTLHSMGY NKALELTEAC PFVINIYAER CKPRIKVVHM EACSGQLEKA ICKSVLDRSD AKVMDGYENI IVHTCNYDTW ITSIIENKSD NKVIIHINNE LSKNCVNNRG LNIFAVEVAP RSTMVCQHVM PLNEQEEWIY CCVYSLVA Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the

Product Details

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 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: 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 (PubMed:24582806). Required for the localization of the EVC2:EVC subcomplex at the base of primary cilia (PubMed:24582806). {ECO:0000269|PubMed:24582806}.

Molecular Weight: 71.4 kDa

UniProt: [Q8VDY4](#)

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
