

Datasheet for ABIN7561849
EFCAB5 Protein (AA 1-1406) (His tag)



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Overview

Quantity:	1 mg
Target:	EFCAB5
Protein Characteristics:	AA 1-1406
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFCAB5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Efcab5 Protein expressed in mammalian cells.
Sequence:	<p>MLMQVEKKKL LSQADIPTKF DPINYLGEYL MRHNTHYIKD PGVSGYQRVM KEITEELKTH VPDTINNRIS KMKEKVKEKR EQREYISTVK VKVAGMRKQA LEEQFNEWVL NPKGMIPIVV YISSYITDLK SEVFEEFLKH LCHSAEEFRE IILTDMRRQM FAELFLQCDS GKVMALDRQR TLALLEAFYD QCSSTTRSL RNPQRQWPFVE FEEIELIEFW GDMDIKKHIY EDFDALLKMM NMLVAEKLAG KLAENKDL PQ QQRDQELSSD STTEPETATQ LTSQQRSSRV SLTGQGGQKGG PRKTSASKQG ASRGSVAEQG SRRSSGVNQT QQRGSVAEQG SRRSSAVEQT QQRGSVAEQG SRRSSTVEQT RQRGSVAEQG SRRSSTVEQT QRRGSVAEQG SRRSSGVNQT QQRGSVAEQG SRRSSAVEQT QQRGSVAEQG SRRSSAMEQE PQTAQDPNSD SLPEQESHARG SITEGSHRGS ISEPGORRAS VTGQRRKSSV DDSGSAGSRR GSGTDQGQHR GSVGQRKGS ERKMSASEYG PHQESITEEP LTASEPGPQI DTIQELDEDS TPQLEDDSAL KESKTSSELTK IETQEEKPLL LINEEQVPRD SKQPEVPTSS KKERPSGSPK KGRLSGTSKR DSQDKACEP KPQHVEGKKW SGEFLICDWK IKHVKSEEEE QAKLICDDTR FTDLHATIRN FQTYKGIGR SAFNGVSLDL</p>

LQFVQLLET F VGEDTSFSL S KDLASFFQKN YSETKQEKIK ALEQARQNSS RIRRRILLQA
IFEKWDNDGS GFLDLNEVDD LLYTYKEGME RESMKKAKLH INFPEPSPGH EVKLSSKQFQ
RYIELVWSEL RGNEDVLES VVEFLMGSLE RSHVEGLRNC ARRKWLHQIQ YAAETSGVSL
EPVYTETFRV LTQDAEAHGN KKISAHISLL EENVFLPERG HVLLLRNVACT LDDAPFVLNK
VLYRDMKGIS FTVVDEGKPI HVPQVQHHGN IFFWNSFRSK NEYNGSFLAL PLQDAYMRIF
GVLAVDTRLR PHEINIFLPH EIKFYQGVAN AFSTAYHHVH SREHVLHSVM TGIRWLFSVT
SGITTITTCF IEPSSSEQEDY VLRNMMVTD C LGLAEIHTDP PTITRNACIF RDFLFKCTDT
SEVILASSGG ETHIAIPLRQ RTKEAMGILD VNIGRSRMLL YQEYKDLQKM VKMIQNVSYE
ILGEFSGEIE KTMVIEMESA GEVKRAGILF FRTMLQELQE CLCLLDSDMF VLLLLYEHKY
HVDSILQDIT LQEVEANVAL VHDVLKGVIL FSQREKDSLS DLEEWKWK F HINKYLVEEI
CVLDPTASNV EVNVELVTSY IQAHSRTEVW NFRNIVIELL YHWINICLTL IELNMRQDVS
IIPPLPKKSA TSIYAISSE R SIREKL **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 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:	EFCAB5
Alternative Name:	Efcab5 (EFCAB5 Products)
Background:	EF-hand calcium-binding domain-containing protein 5
Molecular Weight:	159.9 kDa
UniProt:	A0JP43

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