

Datasheet for ABIN7547308
EFHC2 Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	EFHC2
Protein Characteristics:	AA 1-749
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFHC2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant EFHC2 Protein expressed in mammalian cells.
Sequence:	MALPLLPGNS FNRNVGKEKF HKSQHWGFCN NVMMLVSDEK PGIGGEPLLG QKIKPKCSIY PKGDGSDVPS WVAFDKQVLS FDAYLEEEVL DKSQTNRYRIR YYKIYFYPED DTIQVNEPEV KNSGLLQGTS IRRHRITLPP PDEDQFYTVY HFNVGTEVVF YGRTFKIYDC DAFTRNFLRK IGVKVNPVQ CPEDPYMKIR REVVEHVEPL RPYESLDTLK QFLQYHGKIL CFFCLWDDSV SMFGDRRELI LHYFLCDDTI EIKELLPHSS GRDALKMFLR RSKLPKNCPP RVYQPGQITD RAVLNSYGDF IKNQADGYLF DRYKLGKVDQ EFKYKSDLSL GVTINVWGRK VLLYDCDEFT KSYKSKYGI ENFTSVSCKP PSPPPKIERK FPPYNGFGSE EDSLRNCIDL KPTPHRRNFK KFMEKDSYGS KSNILRFFAK LVTDKCVDLD RMFVISYYLG DDTISVFPEI ERNSGIAGGM FLKRSRVKKP GQEVFKSELS EYIKAEELYI GVTNVNNGYL FRLNADEYT LNYMEQNTDK YPFNLKLAL QKLKQEEGKS RELKQVFCAA DSKHTNMVDY NTFRDILMSL TVGNLAEQEF VTIARHYRVP EGTCSMDMDFL IALAHEKFKK NMFENFDTFI YSCVYEDREK KNLVPTKDIK

Product Details

RLCKSSRLPL SDDLLESLLS RFEDSEKQID YKSFFSALNW RKNPVPELQP ASYLKERCED
VWLGMPSPPI AKYIDYWTFLL KDAFGLEEE **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

EFHC2

Alternative Name:

EFHC2 ([EFHC2 Products](#))

Background:

EF-hand domain-containing family member C2,FUNCTION: Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating. {ECO:0000269|PubMed:36191189}.

Molecular Weight:

87.4 kDa

UniProt:

[Q5JST6](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
