

Datasheet for ABIN7545433
ZDHHC18 Protein (AA 1-388) (His tag)



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Overview

Quantity:	1 mg
Target:	ZDHHC18
Protein Characteristics:	AA 1-388
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZDHHC18 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ZDHHC18 Protein expressed in mammalien cells.
Sequence:	MKDCEYQQIS PGAAPLPASP GARRPGPAAS PTPGPGPAPP AAPAPPRWSS SGSGSGSGSG SLGRRPRRKW EVFPGRNRFY CGGRLMLAGH GGVFALTLIL ILTTTGLFFV FDCPYLARKL TLAIPIIAAI LFFFVMSCLL QTSFTDPGIL PRATVCEAAA LEKQIDNTGS STYRPPPRT EVLINGQMVK LKYCFTCKMF RPPRTSHCSV CDNCVERFDH HCPWVGNCVG RRNYRFFYAF ILSLSFLTAF IFACVVTHLT LRAQGSNFLS TLKETPASVL ELVICFFSIW SILGLSGFHT YLVASNLTTN EDIKGSWSSK RGGEASVNPY SHKSIITNCC AVLCGPLPPS LIDRRGFVQS DTVLPSPIRS DEPACRAKPD ASMVGGHP 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:

Product Details

- 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: ZDHHC18

Alternative Name: ZDHHC18 ([ZDHHC18 Products](#))

Background: Palmitoyltransferase ZDHHC18 (EC 2.3.1.225) (DHHC domain-containing cysteine-rich protein 18) (DHHC-18) (Zinc finger DHHC domain-containing protein 18),FUNCTION: Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates, such as CGAS, HRAS and LCK (PubMed:23034182, PubMed:27481942, PubMed:35438208). Acts as a negative regulator of the cGAS-STING pathway by mediating palmitoylation and inactivation of CGAS (PubMed:35438208). May also have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and therefore regulate G protein-coupled receptor signaling (PubMed:27481942). {ECO:0000269|PubMed:23034182, ECO:0000269|PubMed:27481942, ECO:0000269|PubMed:35438208}.

Molecular Weight: 42.0 kDa

UniProt: [Q9NUE0](#)

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
