

Datasheet for ABIN7545527
ZDHHC6 Protein (AA 1-413) (His tag)



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Overview

Quantity:	1 mg
Target:	ZDHHC6
Protein Characteristics:	AA 1-413
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZDHHC6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZDHHC6 Protein expressed in mammalian cells.
Sequence:	<p>MGTFCSVIKF ENLQELKRLC HWGPIIALGV IAICSTMAMI DSVLWYWPLH TTGGSVNFIM LINWTVMILY NYFNAMFVGP GFVPLGWKPE ISQDTMYLQY CKVCQAYKAP RSHHCRKCNR CVMKMDHHCP WINNCCGYQN HASFTLFLLL APLGCIHAAF IFVMTMYTQL YHRLSFGWNT VKIDMSAARR DPLPIVPFGL AAFATTLFAL GLALGTTIAV GMLFFIQMKI ILRNKTSIES WIEEKAKDRI QYYQLDEVFV FPYDMGSRWR NFKQVFTWSG VPEGDGLEWP VREGCHQYSL TIEQLKQKAD KRVRVRYKV IEDYSGACCP LNKGIKTTFF SPCTEEPRIQ LQKGEFILAT RGLRYWLYGD KILDDSFIEG VSRIRGWFPK KCVEKCPCDA ETDQAPEGEK KNR 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.</p>
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.

Product Details

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:

ZDHHC6

Alternative Name:

ZDHHC6 ([ZDHHC6 Products](#))

Background:

Palmitoyltransferase ZDHHC6 (EC 2.3.1.225) (Stearoyltransferase ZDHHC6) (EC 2.3.1.-) (Transmembrane protein H4) (Zinc finger DHHC domain-containing protein 6) (DHHC-6) (Zinc finger protein 376),FUNCTION: Endoplasmic reticulum palmitoyl acyltransferase that mediates palmitoylation of proteins such as AMFR, CALX, ITPR1 and TFRC (PubMed:22314232, PubMed:22728137, PubMed:25368151, PubMed:28826475). Palmitoylates calnexin (CALX), which is required for its association with the ribosome-translocon complex and efficient folding of glycosylated proteins (PubMed:22314232). Mediates palmitoylation of AMFR, promoting AMFR distribution to the peripheral endoplasmic reticulum (PubMed:22728137). Together with SELENOK, palmitoylates ITPR1 in immune cells, leading to regulate ITPR1 stability and function (PubMed:25368151). Stearoyltransferase that mediates stearylation of TFRC to inhibit TFRC-mediated activation of the JNK pathway and mitochondrial fragmentation (PubMed:26214738). {ECO:0000269|PubMed:22314232, ECO:0000269|PubMed:22728137, ECO:0000269|PubMed:25368151, ECO:0000269|PubMed:26214738,

Target Details

ECO:0000269|PubMed:28826475}.

Molecular Weight: 47.7 kDa

UniProt: [Q9H6R6](#)

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