

Datasheet for ABIN7545385
ZDHHC1 Protein (AA 1-485) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZDHHC1
Protein Characteristics:	AA 1-485
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZDHHC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZDHHC1 Protein expressed in mammalian cells.
Sequence:	MYKMNICNKP SNKTAPEKSV WTAPAQPSGP SPELQGQRSR RNGWSWPPHP LQIVAWLLYL FFAVIGFGL VPLLPHHWVP AGYACMGAIF AGHLVHLTA VSIDPADANV RDKSYAGPLP IFNRSQHAHV IEDLHCNLCN VDVSARSKHC SACNKVCVCGF DHHCKWLNNC VGERNYRLFL HSVASALLGV LLLVLVATYV FVEFFVNPMPR LRTNRHFEVL KNHTDVWFVF LPAAPVETQA PAILALAALL ILLGLLSTAL LGHLLCFHIY LMWHKLTTYE YIVQHRPPQE AKGVHRELES CPPKMRPIQE MEFYMRTFRH MRPEPPGQAG PAAVNAKHSR PASPDPTPGR RDCAGPPVQV EWDRKKPLPW RSPLLLLAMW GPQAPPCLCR KRGRGACIKC ERLRPRIIRR GLGPPAAAPA RRRIPRTPAL CTPLALPAPT TRRRQSPWTR FQWRRRAWAA PLWPPRGAGA DSPRWGRRRV RPPFS 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

Product Details

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:

ZDHHC1

Alternative Name:

ZDHHC1 ([ZDHHC1 Products](#))

Background:

Palmitoyltransferase ZDHHC1 (EC 2.3.1.225) (DHHC domain-containing cysteine-rich protein 1) (Zinc finger DHHC domain-containing protein 1) (DHHC-1) (Zinc finger protein 377),FUNCTION: Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates (By similarity). Has a palmitoyltransferase activity toward NCDN and regulates NCDN association with endosome membranes through this palmitoylation. {ECO:0000250|UniProtKB:Q8R0N9}, FUNCTION: Has also a palmitoyltransferase activity-independent function in DNA virus-triggered and CGAS-mediated innate immune response (PubMed:25299331). Functions as an activator of STING1 by promoting its cGAMP-induced oligomerization and the recruitment of downstream signaling components (PubMed:25299331). {ECO:0000269|PubMed:25299331}.

Molecular Weight:

54.8 kDa

Target Details

UniProt: [Q8WTX9](#)

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