

Datasheet for ABIN7545432
ZDHHC14 Protein (AA 1-488) (His tag)



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Overview

Quantity:	1 mg
Target:	ZDHHC14
Protein Characteristics:	AA 1-488
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZDHHC14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZDHHC14 Protein expressed in mammalian cells.
Sequence:	MPPGGGGPMK DCEYSQISTH SSSPMESPHK KKKIAARRKW EVFPGRNKFF CNGRIMMARQ TGVFYLTLLV ILVTSGLFFA FDCPYLAVKI TPAIPAVAGI LFFFVMGTLL RTSFSDPGVL PRATPDEAAD LERQIDIANG TSSGGYRPPP RTKEVIINGQ TVKLYCFTC KIFRPPRASH CSLCDNCVER FDHHCWVGN CVGKRNYRFF YMFILSLSFL TVFIFAFVIT HVILRSQQTG FLNALKDSPA SVLEAVVCFV SVWSIVGLSG FHTYLISNQ TTNEDIKGSW SNKRKGENYN PYSYGNIFTN CCVALCGPIS PSLIDRRGYI QPDTPQPAAP SNGITMYGAT QSQSDMCDQD QCIQSTKFVL QAAATPLLQS EPSLTSDELH LPGKPGLGTP CASLTLGPPT PPASMPNLAE ATLADVMPRK DEHMGHQFLT PDEAPSPRL LAAGSPLAHS RTMHVLGLAS QDSLHEDSVR GLVKLSSV 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:

ZDHHC14

Alternative Name:

ZDHHC14 ([ZDHHC14 Products](#))

Background:

Palmitoyltransferase ZDHHC14 (EC 2.3.1.225) (DHHC domain-containing cysteine-rich protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) (Zinc finger DHHC domain-containing protein 14),FUNCTION: Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. May have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and thereby regulate G protein-coupled receptor signaling (PubMed:27481942). May play a role in cell differentiation and apoptosis (PubMed:21151021, PubMed:24407904). {ECO:0000269|PubMed:21151021, ECO:0000269|PubMed:24407904, ECO:0000269|PubMed:27481942}.

Molecular Weight:

53.4 kDa

UniProt:

[Q8IZN3](#)

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
