

Datasheet for ABIN7545622
ZDHHC19 Protein (AA 1-309) (His tag)



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Overview

Quantity:	1 mg
Target:	ZDHHC19
Protein Characteristics:	AA 1-309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZDHHC19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZDHHC19 Protein expressed in mammalian cells.
Sequence:	MTLLTDATPL VKEPHPLPLV PRPWFLPSLF AAFNVVLLVF FSGLFFAFPC RWLAQNGEWA FPVITGSLFV LTFVSLVSLN FSDPGILHQQ SAEQGPLTVH VVVVNHGAFR LQWCPKCCFH RPPRTYHCPW CNICVEDFDH HCKWVNNCIG HRNFRFFMLL VLSLCLYSGA MLVTCLIFLV RTTHLPFSTD KAIAIVVAVS AAGLLVPLSL LLLIQALSVS SADRTYKGGK RHLQGYNPFD QGCASNWYLT ICAPLGPKYM AEAQLQRVV GPDWTSMPNL HPPMSPSALN PPAPTSGSLQ SREGTPGAW 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 isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ZDHHC19
Alternative Name:	ZDHHC19 (ZDHHC19 Products)
Background:	Palmitoyltransferase ZDHHC19 (EC 2.3.1.225) (Zinc finger DHHC domain-containing protein 19) (DHHC-19),FUNCTION: Palmitoyltransferase that mediates palmitoylation of proteins, such as RRAS and SQSTM1 (PubMed:20074548, PubMed:37802024). Catalyzes palmitoylation of RRAS, leading to increased cell viability (PubMed:20074548). Acts as a positive regulator of autophagy by mediating palmitoylation of SQSTM1, promoting affinity between SQSTM1 and ATG8 proteins and recruitment of ubiquitinated cargo proteins to autophagosomes (PubMed:37802024). {ECO:0000269 PubMed:20074548, ECO:0000269 PubMed:37802024}., FUNCTION: (Microbial infection) Promotes Chikungunya virus (CHIKV) replication by mediating viral nsp1 palmitoylation. {ECO:0000269 PubMed:30404808}.
Molecular Weight:	34.4 kDa
UniProt:	Q8WVZ1

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
