

Datasheet for ABIN7558778
HHAT Protein (AA 1-499) (His tag)



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Overview

Quantity:	1 mg
Target:	HHAT
Protein Characteristics:	AA 1-499
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HHAT protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hhat Protein expressed in mammalien cells.
Sequence:	<p>MLPGWELTLC LLVSLGFHFR SFYEVYKVS R EHEEELDQEF ELEMDFLFGG LKKDPTDFEW NFWMEWGKRR LVWLFIGHMA VSQ L ATLLTK KHRPWIVMVY GMWACWCVLG APGVVMVLLH STIAFCVAQF RSVLLSWLCS LLLLSTLRLQ SVEEVKRRWY KTENEYLLQ FTLTVRCLLY TSFSLELCRQ PPSAQPTPSA QGASHSYPWL LTYVFYYPVF HNGPILNFPE FFRQMQQPEL NSLQHSLCIV AKGLGRLLCW WWLAELMVHL MYMHALYSSA PLLESVSCWT LGGLALAAQVL FFYVKYLVLF GVPALLMRD GLTPPLPRC VSTMFSFTGM WRYFDVGLHN FLIRYVYIPL GGSQHGLLGT LLSTATTFAF VSYWHGSYED LWCWAALNWL GVTVESGVRR LLETPCVRET LARHLSPQAH HRLHALLAAC STSMLILFNL VFLGGIQVGK TYWNRIFLQG WPWVTLSVLG FLYCISHVDI AWAQTYTVL 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>

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, Western Blot

Grade:

custom-made

Target Details

Target:

HHAT

Alternative Name:

Hhat ([HHAT Products](#))

Background:

Protein-cysteine N-palmitoyltransferase HHAT (EC 2.3.1.-) (Hedgehog acyltransferase) (Skinny hedgehog protein),FUNCTION: Palmitoyl acyltransferase that catalyzes N-terminal palmitoylation of SHH, which is required for SHH signaling during limb development (PubMed:15075292). It also catalyzes N-terminal palmitoylation of DHH (By similarity). Promotes the transfer of palmitoyl-CoA from the cytoplasmic to the luminal side of the endoplasmic reticulum membrane, where SHH palmitoylation occurs (By similarity). Plays a role in proper testis cord formation and the differentiation of Leydig cells (PubMed:24784881). {ECO:0000250|UniProtKB:Q5VTY9, ECO:0000269|PubMed:15075292, ECO:0000269|PubMed:24784881}.

Molecular Weight:

57.9 kDa

UniProt:

[Q8BMT9](#)

Pathways:

[Hedgehog Signaling](#)

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
