

Datasheet for ABIN7559828

## ABHD14B Protein (AA 1-210) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	ABHD14B
Protein Characteristics:	AA 1-210
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABHD14B protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Abhd14b Protein expressed in mammalian cells.
Sequence:	<p>MAGVDQHEGT IQVQGQNLFF RETRPGSGQP VRFSVLLLHG IRFSSETWQN LGTLQRLAEA</p> <p>GYRAVAIDLPG LGRSKEAAA PAPIGEPAPG SFLAAVVDL ELGPPVWISP SLGMYSLPF</p> <p>LVAPGSQLRG FVPVAPICTD KINAVDYASV KTPALIVYGD QDPMGSSSFQ HLKQLPNHRV</p> <p>LVMEGAGHPC YLDKPDEWHK GLLDFLQGLA <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## Product Details

- 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:	ABHD14B
Alternative Name:	Abhd14b ( <a href="#">ABHD14B Products</a> )
Background:	<p>Putative protein-lysine deacylase ABHD14B (EC 2.3.1.-) (Alpha/beta hydrolase domain-containing protein 14B) (Abhydrolase domain-containing protein 14B),FUNCTION: Acts as an atypical protein-lysine deacetylase in vitro. Catalyzes the deacetylation of lysine residues using CoA as substrate, generating acetyl-CoA and the free amine of protein-lysine residues.</p> <p>Additional experiments are however required to confirm the protein-lysine deacetylase activity in vivo. Has hydrolase activity towards various surrogate p-nitrophenyl (pNp) substrates, such as pNp-butyrate, pNp-acetate and pNp-octanoate in vitro, with a strong preference for pNp-acetate. May activate transcription. {ECO:0000250 UniProtKB:Q96IU4}.</p>
Molecular Weight:	22.5 kDa
UniProt:	<a href="#">Q8VCR7</a>

## 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.
--------------------	---

Application Details

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