

Datasheet for ABIN7552331

## APH1B Protein (AA 1-257) (His tag)



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### Overview

Quantity:	1 mg
Target:	APH1B (Aph1b)
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APH1B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat APH1B Protein expressed in mammalian cells.
Sequence:	<p>MTAAVFFGCA FIAFGPALAL YVFTIATEPL RIIFLIAGAF FWLVSLISS LVWFMARVII</p> <p>DNKDGPTQKY LLIFGAFVSV YIQEMFRFAY YKLLKKASEG LKSINPGETA PSMRLLAYVS</p> <p>GLGFGIMSGV FSFVNTLSDS LGPGTVGIHG DSPQFFLYSA FMTLVIIILLH VFWGIVFFDG</p> <p>CEKKKWGILL IVLLTHLLVS AQTFISSYYG INLASAFIIL VLMGTWAFLA AGGSCRSCLKL</p> <p>CLLCQDKNFL LYNQRSR <b>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.</b></p>
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> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## Product Details

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: APH1B (Aph1b)

Alternative Name: APH1B ([Aph1b Products](#))

Background: Gamma-secretase subunit APH-1B (APH-1b) (Aph-1beta) (Presenilin-stabilization factor-like),FUNCTION: Probable subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral proteins such as Notch receptors and APP (amyloid-beta precursor protein). It probably represents a stabilizing cofactor for the presenilin homodimer that promotes the formation of a stable complex. Probably present in a minority of gamma-secretase complexes compared to APH1A.  
{ECO:0000269|PubMed:12297508}.

Molecular Weight: 28.5 kDa

UniProt: [Q8WW43](#)

Pathways: [Notch Signaling](#), [Neurotrophin Signaling Pathway](#)

## 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.

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