

Datasheet for ABIN7556841  
**APBA2 Protein (AA 1-750) (His tag)**



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## Overview

Quantity:	1 mg
Target:	APBA2
Protein Characteristics:	AA 1-750
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APBA2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Apba2 Protein expressed in mammalien cells.
Sequence:	<p>MAHRKRQSTA SSMLDHRARP GPIPHDQEPE SEDTELPLES YVPTGLELGT LRPESPTPEE            QECHNHSPDG DSSSDYVNNT SEEDYDEGL PEEEEGVTTY IRYCPEDDSY LEGMDCNGEE            YIAHGAHPVD TDECQEAVED WTDSVGPHTH SHGAENSQEY PDGHLPIPED DPTVLEVHDQ            EEDGHYCSSLK ESYQDYYPE TNGNTGGASP YRMRRGDGDL EEQEEDIDQI VAEIKMSLSM            TSITSASEAS PEHMPELDPG DSTEACPPSD TGHGPRQEA RPKSLNLPPE VKHPGDLQRG            LKTKTRTPEE RPKWPQEQVC NGLQPRKQQ RSDLNQPTDN NNIPETKKVA SFPSFVAVPG            PCEAEDLIDG IIFAANYLGS TQLLSERNPS KNIRMMQAQE AVSRVKRMQK AAKIKKKANS            EGDAQTLTEV DLFISTQRIK VLNADTQETM MDHALRTISY IADIGNIVVL MARRRMPRSA            SQDCIETTPG AQEGKKQYKM ICHVFESEDA QLIAQSIGQA FSVAYQEFLR ANGINPEDLS            QKEYSDIINT QEMYNDLIH FSNSENCKEL QLEKHKGEIL GVVVWESGWG SILPTVILAN            MMNGGPAARS GKLSIGDQIM SINGTSLVGL PLATCQGIK GLKNQTQVKL NIVSCPPVTT</p>

## Product Details

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VLIKRPDLKY QLGFVQNGI ICCLMRGGIA ERGGVVRVGH R IIEINGQSVV ATAHEKIVQA

LSNSVGEIHM KTMPAAMFRL LTGQETPLYI **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

APBA2

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### Alternative Name:

Apba2 ([APBA2 Products](#))

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### Background:

Amyloid-beta A4 precursor protein-binding family A member 2 (Adapter protein X11beta) (Neuron-specific X11L protein) (Neuronal Munc18-1-interacting protein 2) (Mint-2),FUNCTION: Putative function in synaptic vesicle exocytosis by binding to STXBP1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta.

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### Molecular Weight:

82.8 kDa

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### UniProt:

[P98084](#)

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## Target Details

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Pathways: [Synaptic Vesicle Exocytosis](#)

## Application Details

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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

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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