

Datasheet for ABIN7552098  
**APBA1 Protein (AA 1-837) (His tag)**



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## Overview

Quantity:	1 mg
Target:	APBA1
Protein Characteristics:	AA 1-837
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APBA1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant APBA1 Protein expressed in mammalian cells.
Sequence:	<p>MNHLEGSAEV EVTDEAAGGE VNESVEADLE HPEVEEEQQQ PPQQQHVVGR HQRGRALEDL RAQLGQEEEE RGECLARSAS TESGFHNHTD TAEGDVIAAA RDGYDAERAQ DPEDESAYAV QYRPEAEEYT EQAEAEHAEA THRRALPNHL HFHSLEHEEA MNAAYSGYVY THRLFHRGED EPYSEPYADY GGLQEHVYEE IGDAPELDAR DGLRLYEQER DEAAAYRQEA LGARLHHYDE RSDGESDSPE KEAEFAPYPR MDSYEQEEDI DQIVAEVKQS MSSQSLDKAA EDMPEAEQDL ERPPTPAGGR PDSPGLQAPA GQQRAVGPAG GGEAGQRYSK EKRDAISLAI KDIKEAIEEV KTRTIRSPYT PDEPKPIWV MRQDISPTRD CDDQRPMGDG SPSPGSSSPL GAESSSTSLH PSPDVEASTN KESRKSASF PTYVEVPGPC DPEDLIDGII FAANYLGSTQ LLSDKTPSKN VRMMQAQEA V SRIKMAQKLA KSRKKAPEGE SQPMTEVDLF ISTQRIKVLN ADTQETMMDH PLRTISYIAD IGNIVVLMAR RRMPRSNSQE NVEASHPSQD GKRQYKMICH VFESEDAQLI AQSIGQAFSV AYQEFLRANG INPEDLSQKE YSDLLNTQDM YNDDLIHFSK SENCKDVFIE KQKGEILGVV IVESGWGSIL PTVIIANMMH GGPAEKSGKL NIGDQIMSIN GTSLVGLPLS</p>

## Product Details

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TCQSIKGLK NQSRVKLNIV RCPPVTTVLI RRPDLRYQLG FSVQNGIICS LMRGGIAERG  
GVRVGHRIIE INGQSVVATP HEKIVHILSN AVGEIHMKT M PAAMYRLLTA QEQPVYI **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:

- 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

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Target: APBA1

Alternative Name: APBA1 ([APBA1 Products](#))

Background: Amyloid-beta A4 precursor protein-binding family A member 1 (Adapter protein X11alpha) (Neuron-specific X11 protein) (Neuronal Munc18-1-interacting protein 1) (Mint-1),FUNCTION: Putative function in synaptic vesicle exocytosis by binding to Munc18-1, 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. Component of the LIN-10-LIN-2-LIN-7 complex, which associates with the motor protein KIF17 to transport vesicles

## Target Details

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containing N-methyl-D-aspartate (NMDA) receptor subunit NR2B along microtubules (By similarity). {ECO:0000250|UniProtKB:B2RUJ5}.

Molecular Weight: 92.9 kDa

UniProt: [Q02410](#)

Pathways: [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

## Application Details

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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

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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