

Datasheet for ABIN7552309
APBA2 Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	APBA2
Protein Characteristics:	AA 1-749
Origin:	Human
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 mammalian cells.
Sequence:	MAHRKLESVG SGMLDHRVRP GPVPHSQEPE SEDMELPLEG YVPEGLELAA LRPESPAPEE QECHNHSPDG DSSSDYVNNT SEEDYDEGL PEEEGITYY IRYCPEDDSY LEGMDCNGEE YLAHSAHPVD TDECQEAVEE WTDSAGPHPH GHEAEGSQDY PDGQLPIPED EPSVLEAHDQ EEDGHYCASK EGYQDYYPEE ANGNTGASPY RLRRGDGDLE DQEEDIDQIV AEIKMSLSMT SITSASEASP EHGPEPGPED SVEACPPIKA SCSPSRHEAR PKSLNLLPEA KHPGDPQRGF KPKTRTPEER LKWPHEQVCN GLEQPRKQQR SDLNGPVDNN NIPETKKVAS FPSFVAVPGP CEPEDLIDGI IFAANYLGST QLLSERNPSK NIRMMQAQEA VSRVKRMQKA AKIKKKANSE GDAQTLTEVD LFISTQRIKV LNADTQETMM DHALRTISYI ADIGNIVVLM ARRRMPRSAS QDCIETTPGA QEGKKQYKMI CHVFESEDAQ LIAQSIGQAF SVAYQEFLRA NGINPEDLSQ KEYSDIINTQ EMYNDLIHF SENSECKELQ LEKHKGEILG VVVESGWGS ILPTVILANM MNGGPAARSG KLSIGDQIMS INGTSLVGLP LATCOGIIKG LKNQTQVKLN IVSCPPVTTV

Product Details

LIKRPDLKYQ LGFSVQNGII CSLMRGGIAE RGGVVRVGHRI IEINGQSVVA TAHEKIVQAL
SNSVGEIHMK TMPAAMFRLT TGQETPLYI **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.**

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:

APBA2

Alternative Name:

APBA2 ([APBA2 Products](#))

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.

Molecular Weight:

82.5 kDa

UniProt:

[Q99767](#)

Target Details

Pathways: [Synaptic Vesicle Exocytosis](#)

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