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## Datasheet for ABIN7318152 APBA3 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	APBA3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APBA3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human APBA3 Protein (His Tag)
Sequence:	Met 1-Leu138
Characteristics:	Recombinant Human Amyloid beta A4 Precursor Protein-Binding Family A Member 3 is produced by our E.coli expression system and the target gene encoding Met1-Leu138 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	APBA3
Alternative Name:	APBA3 ( <a href="#">APBA3 Products</a> )
Background:	Background: Amyloid β A4 Precursor Protein-Binding Family A Member 3 (APBA3) is an adapter protein that belongs to the X11 family. APBA3 contains 2 PDZ (DHR) domains and 1 PID

## Target Details

domain and interacts with the Alzheimer's disease amyloid precursor protein.. APBA3 is believed to be involved in signal transduction processes. Unlike X11- $\alpha$  and - $\beta$  which are generally neuronal proteins, APBA3 is widely expressed in all tissues examined with lower levels in brain and testis. It binds to the cytoplasmic domain of amyloid protein (APP) in vivo and may modulate processing of the  $\beta$ -amyloid precursor protein (APP) and hence formation of  $\beta$ -APP. Synonym: Amyloid Beta A4 Precursor Protein-Binding Family A Member 3, Adapter protein X11Gamma, Neuron-Specific X11L2 Protein, Neuronal Munc18-1-Interacting Protein 3, Mint-3, APBA3, MINT3, X11L2

Molecular Weight: 15.5 kDa

UniProt: [O96018](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB ,150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.