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Datasheet for ABIN1096029

APBA3 Protein (AA 1-138) (His tag)

Overview

Quantity:	50 µg
Target:	APBA3
Protein Characteristics:	AA 1-138
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 Amyloid β A4 Precursor Protein-Binding A3/APBA3/X11-γ (C-6His)
Sequence:	MDFPTISRSP SGPPAMDLEG PRDILVPSED LTPDSQWDPM PGGPGSLSRM ELDESSLQEL VQQFEALPGD LVGPSPGGAP CPLHIATGHG LASQEIADAH GLLSAEAGRD DLLGLLHCEE CPPSQTGPPEE PLEPAPRLLE HHHHHH
Characteristics:	Recombinant Human Amyloid beta A4 Precursor Protein-Binding Family A Member 3/APBA3 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Leu138) of Human APBA3 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	APBA3
Alternative Name:	APBA3 (APBA3 Products)
Sub Type:	Fusionprotein
Background:	<p>Amyloid beta 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 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.</p> <p>Alternative Names: 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</p>
Molecular Weight:	15.48kDa
UniProt:	O96018

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB ,150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months