

Recombinant Full Length Human APBA2 Protein, GST-tagged

Cat. No. APBA2-1078HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APBA2 full-length ORF (BAC85951.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	244 amino acids
Description	The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	53.24 kDa
AA Sequence	MAVIPESAWK HPDYVDDGLS GVCNGLEQPR KQQRSDLNGP VDNNNIPETK KVASFPSFVA VPGPCEPEDL IDGIIFAANY LGSTQLLSER NPSKNIRMMQ AQEAVSRVKN SEGDAQTLTE VDLFISTQRI KVLNADTQET MMDHALRTIS YIADIGNIVV LMARRRMPRS ASQDCIETTP GAQEGKKQYK MICHVFESED

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VSKPLPGHSP PKVHSPGRLQ DPGAVETTLR WKASMLLLMF PVDQ

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

APBA2 amyloid beta (A4) precursor protein-binding, family A, member 2 [Homo sapiens]

Official Symbol

APBA2

Synonyms

APBA2; amyloid beta (A4) precursor protein-binding, family A, member 2; amyloid beta (A4) precursor protein binding, family A, member 2 (X11 like) , MINT2, X11 like , X11L; amyloid beta A4 precursor protein-binding family A member 2; D15S1518E; HsT16821; LIN 10; MGC:14091; mint-2; X11-like protein; adapter protein X11beta; neuron-specific X11L protein; neuronal munc18-1-interacting protein 2; phosphotyrosine-binding/-interacting domain (PTB)-bearing protein; amyloid beta (A4) precursor protein-binding, family A, member 2 (X11-like); X11L; MINT2; LIN-10; X11-BETA; MGC99508

Gene ID

321

mRNA Refseq

NM_001130414

Protein Refseq

NP_001123886

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MIM	602712
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UniProt ID	Q99767
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