

# Recombinant Full Length Human APBA2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human APBA2 full-length ORF (BAC85951.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	244 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	53.24 kDa
<b>AA Sequence</b>	MAVIPESAWK HPDYVDDGLS GVCNGLEQPR KQQRSDLNGP VDNNNIPETK KVASFSPFVA VPGPCEPEDL IDGIIFAANY LGSTQLLSER NPSKNIRMMQ AQEAVSRVKN SEGDAQTLTE VDLFISTQRI KVLNADTQET MMDHALRTIS YIADIGNIVV LMARRRMPRS ASQDCIETTP GAQEGKKQYK MICHVFESED

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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<b>MIM</b>	602712
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<b>UniProt ID</b>	Q99767
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