

## Recombinant Human APBA2 protein, GST-tagged

Cat. No. APBA2-667H 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** Wheat Germ

**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** MAVIPESAWKHPDYVDDGLSGVCNGLEQPRKQQRSDLNQPVDDNNIPETKKVASF  
PSFVAVPGPCEPEDLIDGIIFAANYLGSTQLLSERNPSKNIRMMQAQEAVSRVKNSE  
GDAQTLTEVDLFIQTQRIKVLNADTQETMMDHALRTISYIADIGNIVVLMARRMPRS  
ASQDCIETTPGAQEGKKQYKMICHVFESEDVSKPLPGHSPPKVHSPGRLQDPGAVE  
TTLRWKASMLLLMFPVDQ

 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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	APBA2 amyloid beta (A4) precursor protein-binding, family A, member 2 [ Homo sapiens ]
<b>Official Symbol</b>	APBA2
<b>Synonyms</b>	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;
<b>Gene ID</b>	321
<b>mRNA Refseq</b>	NM_001130414
<b>Protein Refseq</b>	NP_001123886

 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



<b>MIM</b>	602712
------------	--------

<b>UniProt ID</b>	Q99767
-------------------	--------

 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