

Recombinant Full Length Human APBA1 Protein, GST-tagged

Cat. No. APBA1-1077HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APBA1 full-length ORF (AAI56048.1, 1 a.a. - 837 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	837 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. [provided by RefSeq, Jul 2008]
Molecular Mass	92.1 kDa
AA Sequence	MNHLEGSAEV EVTDEAAGGE VNESVEADLE HPEVEEEQQQ PPQQQH YVGR HQRGRALEDL RAQLGQEEEE RGECLARSAS TESGFHNHTD TAEGDVIAAA RDGYDAERAQ DPEDESAYAV QYRPEAE EYT EQAEAEHAEA THRRALPNHL HFHSLEHEEA MNAAYSGYVY THRLFHRGED EPYSEPYADY GGLQEHVYEE IGDAPELDAR DGLRLYE QER DEAAAYRQEA LGARLHHYDE RSDGESDSPE

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

KEAEFAPYPR MDSYEQEEDI DQIVAEVKQS MSSQSLDKAA EDMPEAEQDL
 ERPPTAGGR PDSPGLQAPA GQQRAVGPA GGEAGQRYSK EKRDAISLAI
 KDIKEAIEEV KTRTIRSPYT PDEPKEPIWV MRQDISPTRD CDDQRPMDGD
 SPSPGSSSPL GAESSSTSLH PSDPVEASTN KESRKSLASF PTYVEVPGPC
 DPEDLIDGII FAANYLGSTQ LLSDKTPSKN VRMMQAQEA V SRIKMAQKLA
 KSRKKAPEGE SQPMTEVDLF ISTQRIKVLN ADTQETMMDH PLRTISYIAD
 IGNIVLMAR RRMPRSNSQE NVEASHPSQD GKRQYKMICH VFESDAQLI
 AQSIGQAFSV AYQEFLRANG INPEDLSQKE YSDLLNTQDM YNDDLIHFSK
 SENCKDVFIE KQKGEILGVV IVESGWGSIL PTVIIANMMH GGPAEKSGKL
 NIGDQIMSIN GTSLVGLPLS TCQSIKGLK NQSRVKLNIV RCPPVTTVLI
 RRPDLRYQLG FSVQNGIICS LMRGGIAERG GVRVGHRIIE INGQSVVATP
 HEKIVHILSN AVGEIHMKT M PAAMYRLLTA QE QPVYI

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

APBA1 amyloid beta (A4) precursor protein-binding, family A, member 1 [Homo sapiens]

Official Symbol

APBA1

Synonyms

APBA1; amyloid beta (A4) precursor protein-binding, family A, member 1; MINT1;
 amyloid beta A4 precursor protein-binding family A member 1; D9S411E; X11; mint-1;
 adapter protein X11alpha; adaptor protein X11alpha; neuron-specific X11 protein;

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neuronal munc18-1-interacting protein 1; phosphotyrosine-binding/-interacting domain (PTB)-bearing protein; amyloid beta (A4) precursor protein-binding, family A, member 1 (X11); X11A; LIN10; X11ALPHA

Gene ID 320

mRNA Refseq NM_001163

Protein Refseq NP_001154

MIM 602414

UniProt ID Q02410

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