

# Recombinant Full Length Human APBB1 Protein, GST-tagged

**Cat. No.** APBB1-1079HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human APBB1 full-length ORF ( NP_663722.1, 1 a.a. - 708 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>	708 amino acids
<b>Description</b>	<p>The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein localized in the nucleus. It interacts with the Alzheimer's disease amyloid precursor protein (APP), transcription factor CP2/LSF/LBP1 and the low-density lipoprotein receptor-related protein. APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. This encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is thought to regulate transcription. Also it is observed to block cell cycle progression by downregulating thymidylate synthase expression. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Mar 2012]</p>
<b>Molecular Mass</b>	103.4 kDa
<b>AA Sequence</b>	<p>MSVPSSLSQS AINANSHGGP ALSLPLPLHA AHNQLLNAKL QATAVGPKDL            RSAMGEGGGP EPGPANAKWL KEGQNQLRRA ATAHRDQNRN VTLTLAEEAS            QEPEMAPLGP KGLIHLYSEL ELSAHNAANR GLRGPGLIIS TQEQQPDEGE</p>

 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

EKAAGEAEEE EEDDDDEEEE EDLSSPPGLP EPLESVEAPP RPQALTDGPR  
 EHSKSASLLF GMRNSAASDE DSSWATLSQG SPSYGSPEdT DSWWPNNAFE  
 TDSDLPAGWM RVQDTSQTYT WHIPTGTTQW EPPGRASPSQ GSSPQEEESQL  
 TWTGFAHGEG FEDGEFWKDE PSDEAPMELG LKEPEEGTLT FPAQSLSPEP  
 LPQEEEEKLP RNTNPGIKCF AVRSLGWVEM TEEELAPGRS SVAVNNCIRQ  
 LSYHKNLHD PMSGGWGEGK DLLLQLEDET LKLVEPQSQA LLHAQPIISI  
 RVWGVGRDSG RDFAYVARDK LTQMLKCHVF RCEAPAKNIA TSLHEICKSI  
 MAERRNARCL VNGLSLDHSK LVDVPPQVEF PAPKNELVQK FQVYYLGNVP  
 VAKPVGVDVI NGALESVLSS SSREQWTPSH VSVAPATLTI LHQQTEAVLG  
 ECRVRFLSFL AVGRDVHTFA FIMAAGPASF CCHMFWCEPN AASLSEAVQA  
 ACMLRYQKCL DARSQASTSC LPAPPAESVA RRVGWTVRRG VQSLWGLSKP  
 KRLGAHTP

**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** [APBB1 amyloid beta \(A4\) precursor protein-binding, family B, member 1 \(Fe65\) \[ Homo sapiens \]](#)

**Official Symbol** [APBB1](#)

**Synonyms** APBB1; amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65); RIR;  
 amyloid beta A4 precursor protein-binding family B member 1; Fe65; stat-like protein;  
 adaptor protein FE65a2; FE65; MGC:9072;

 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



Gene ID	322
mRNA Refseq	NM_001164
Protein Refseq	NP_001155
MIM	602709
UniProt ID	O00213

 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