

Recombinant Full Length Human APBB1 Protein

Cat. No. APBB1-33HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FE65 with N terminal proprietary tag; Predicted MWt 103.95 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	708 amino acids
Description	<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 Alzheimers 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 products nuclear translocation. This encoded protein could play an important role in the pathogenesis of Alzheimers 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 have been described for this gene but some of their full length sequence is not known.</p>
Form	Liquid
Molecular Mass	103.950kDa inclusive of tags
AA Sequence	MSVPSSLSQS AINANSHGGP ALSLPLPLHA AHNQLLNAKL QATAVGPKDL

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RSAMGEGGGP EPGPANAKWL KEGQNQLRRA ATAHRDQNRN VTLTLAEEAS
 QEPEMAPLGP KGLIHLYSEL ELSAHNAANR GLRGPGLIIS TQEQQPDEGE
 EKAAGEAEEE EEDDDDEEEE EDLSSPPGLP EPLESVEAPP RPQALTDGPR
 EHSKSASLLF GMRNSAASDE DSSWATLSQG SPSYGSPEdT DSWFNPNAFE
 TDSDLPAGWM RVQDTSGTYY WHIPTGTTQW EPPGRASPSQ GSSPQEE SQL
 TWTGFAHGEG FEDGEFWKDE PSDEAPMELG LKEPEEGTLT FPAQSLSPEP
 LPQEEEEKLPP RNTNPGIKCF AVRSLGWVEM TEEELAPGRS SVAVNNCIRQ
 LSYHKNNLHD PMSGGWGEGK DLLLQLEDET LKLVEPQSQA LLHAQPIISI
 RVWGVGRDSG RDFAYVARDK LTQMLKCHVF RCEAPAKNIA TSLHEICSKI
 MAERRNARCL VNGLSLDHSK LVDVPPQVEF PAPKNELVQK FQVYYLGNVP
 VAKPVGVDVI NGALESVLSS SSREQWTPSH VSVAPATLTI LHQQTEAVLG
 ECRVRFLSFL AVGRDVHTFA FIMAAGPASF CCHMFWCEPN AASLSEAVQA
 ACMLRYQKCL DARSQASTSC LPAPPAESVA RRVGWTVRRG VQSLWGLSKP
 KRLGAHTP

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

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;

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amyloid beta A4 precursor protein-binding family B member 1; Fe65

Gene ID 322

mRNA Refseq NM_001164

Protein Refseq NP_001155

MIM 602709

UniProt ID O00213

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