

Recombinant Human APBB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APBB1-2405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APBB1 MS Standard C13 and N15-labeled recombinant protein (NP_663722) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	77 kDa
AA Sequence	MSVPSSLSQSAINANSHGGPALSPLPLHAAHNQLLNAKLQATAVGPKDLRSAMGE GGGPEPGPANAKWLKEGQNQLRRAATAHRDQNRNVTLTAAEEASQEPEMAPLGP KGLIHLYSELELSAHNAANRGLRGPGLIISTQEQQPDEGEKEKAAGEAEEEEEDDDDE EEEEDLSSPPGLPEPLESVEAPPRPQALTDGPREHSKSASLLFGMRNSAASDEDSS

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WATLSQGSPSYGSPEDTDSFWNPNAFETDSDLPAGWMRVQDTSGETYYWHIPTGT
 TQWEPPGRASPSQGSSPQEEESQLTWTGFAHGEGFEDGEFWKDEPSDEAPMELGL
 KEPEEGTLTFPAQSLSPEPLPQEEEEKLPPRNTNPGIKCFAVRSLGWVEMTEEELAPG
 RSSVAVNNCIRQLSYHKNNLHDPMSGGWGEGKDLLLQLEDETLKLVEPQSQALLHA
 QPIISIRVWGVGRDSDGRDFAYVARDKLTQMLKCHVFRCEAPAKNIATSLHEICKSKIMA
 ERRNARCLVNGLSLDHSLVDVPFQVEFPAPKNELVQKFQVYYLGNVPVAKPVGVD
 VINGALESVLSSSSREQWTPSHVSVAPATLTILHQQTEAVLGECRVRFLSFLAVGRD
 VHTFAFIMAAGPASFCCHMFWCEPNAASLSEAVQAACMLRYQKCLDARSQASTSC
 LPAPPAESVARRVGWTVRRGVQSLWGSCLKPKRLGAHTPTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name APBB1 amyloid beta precursor protein binding family B member 1 [Homo sapiens (human)]

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;

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adaptor protein FE65a2; FE65; MGC:9072;

Gene ID 322

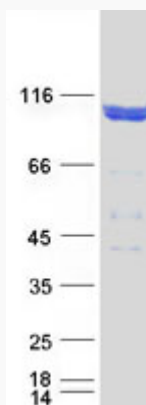
mRNA Refseq NM_145689

Protein Refseq NP_663722

MIM 602709

UniProt ID O00213

SDS-PAGE



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