

## Product datasheet for TP315214M

#### OriGene Technologies, Inc.

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## FE65 (APBB1) (NM\_145689) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human amyloid beta (A4) precursor protein-binding, family B, member 1

(Fe65) (APBB1), transcript variant 2, 100 μg

Species: Human Expression Host: HEK293T

Expression cDNA >RC215214 protein sequence
Clone or AA Red=Cloning site Green=Tags(s)
Sequence:

MSVPSSLSQSAINANSHGGPALSLPLPLHAAHNQLLNAKLQATAVGPKDLRSAMGEGGGPEPGPANAKWL KEGQNQLRRAATAHRDQNRNVTLTLAEEASQEPEMAPLGPKGLIHLYSELELSAHNAANRGLRGPGLIIS TQEQGPDEGEEKAAGEAEEEEEDDDDEEEEEDLSSPPGLPEPLESVEAPPRPQALTDGPREHSKSASLLF GMRNSAASDEDSSWATLSQGSPSYGSPEDTDSFWNPNAFETDSDLPAGWMRVQDTSGTYYWHIPTGTTQW EPPGRASPSQGSSPQEESQLTWTGFAHGEGFEDGEFWKDEPSDEAPMELGLKEPEEGTLTFPAQSLSPEP LPQEEEKLPPRNTNPGIKCFAVRSLGWVEMTEEELAPGRSSVAVNNCIRQLSYHKNNLHDPMSGGWGEGK DLLLQLEDETLKLVEPQSQALLHAQPIISIRVWGVGRDSGRDFAYVARDKLTQMLKCHVFRCEAPAKNIA TSLHEICSKIMAERRNARCLVNGLSLDHSKLVDVPFQVEFPAPKNELVQKFQVYYLGNVPVAKPVGVDVI NGALESVLSSSSREQWTPSHVSVAPATLTILHQQTEAVLGECRVRFLSFLAVGRDVHTFAFIMAAGPASF

CCHMFWCEPNAASLSEAVQAACMLRYQKCLDARSQASTSCLPAPPAESVARRVGWTVRRGVQSLWGSLKP

KRLGAHTP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 76.8 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.



### FE65 (APBB1) (NM\_145689) Human Recombinant Protein - TP315214M

Storage: Store at -80°C.

**Stable for 12 months from the date of receipt of the product under proper storage and handling** 

conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 663722

Locus ID: 322

UniProt ID: 000213

RefSeq Size: 2693

Cytogenetics: 11p15.4

RefSeq ORF: 2124

**Synonyms:** FE65; MGC:9072; RIR

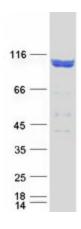
**Summary:** The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein

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]

Protein Families: Transcription Factors
Protein Pathways: Alzheimer's disease

# **Product images:**



Coomassie blue staining of purified APBB1 protein (Cat# [TP315214]). The protein was produced from HEK293T cells transfected with APBB1 cDNA clone (Cat# [RC215214]) using MegaTran 2.0 (Cat# [TT210002]).