

## Product datasheet for **TP315214M**

### 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 Clone or AA Sequence:	>RC215214 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSVPSSLSQSAINANSHGGPALSPLPLHAAHNQLLNAKLQATAVGPKDLRSAMGEGGGPEPGPANAKWL KEGQNQLRRAATAHRDQNRNVTLLAEAEASQEPEMAPLGPGLIHLHYSELSAHNAANRGLRGPGLIIS TQEQGPDEGEEKAAGEAEEDDDDEEEEDLSSPPGLPEPLESVEAPPRQALTDGPREHKSASLLF GMRNSAASDESSWATLSQGSPSYGSPEDTDSFWNPNAFETDSDLPAGWMRVQDTSPTYWHIPTGTTQW EPPGRASPSQGSSPQEEQLTWTGFAHGEGFEDGEFWKDEPSDEAPMELGLKEPEGTLTFPAQSLSP LPQEEELPPRNTNPGIKCFVRSRSLGWVEMTEEELAPGRSSVAVNNCIRQLSYHKNNLHDPMSGGWGEGK DLLLQLEDETLKLVEPQSQALLHAQPIISIRVWGVGRDSDGRDFAYVARDKLTQMLKCHVFRCEAPAKNIA TSLHEICKSMAERRNARCLVNGLSLDHSLVDVPPFQVEFPAPKNELVQKFQVYYLGNVPAKPVGVQV NGALESVLSSSSREQWTPSHVSVAPATLTLHQTEAVLGEICRVFLSFLAVGRDVHTFAFIMAAGPASF CCHMFWCEPNAASLSEAVQAACMLRYQKCLDARSQASTSCLPAPPAESVARRVGTWVRRGVQSLWGS LKP KRLGAHTP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_663722</a>
<b>Locus ID:</b>	322
<b>UniProt ID:</b>	<a href="#">O00213</a>
<b>RefSeq Size:</b>	2693
<b>Cytogenetics:</b>	11p15.4
<b>RefSeq ORF:</b>	2124
<b>Synonyms:</b>	FE65; MGC:9072; RIR
<b>Summary:</b>	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]
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	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]).