

Product datasheet for **RC202003L4V**

FE65 (APBB1) (NM_001164) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FE65 (APBB1) (NM_001164) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FE65
Synonyms:	FE65; MGC:9072; RIR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164
ORF Size:	2124 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202003).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001164.2
RefSeq Size:	2699 bp
RefSeq ORF:	2133 bp
Locus ID:	322
UniProt ID:	O00213
Cytogenetics:	11p15.4
Domains:	WW, PID
Protein Families:	Transcription Factors



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Protein Pathways: Alzheimer's disease

MW: 77 kDa

Gene 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]