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Product datasheet for RC213781L2V

APPBP1 (NAE1) (NM_003905) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	APPBP1 (NAE1) (NM_003905) Human Tagged ORF Clone Lentiviral Particle
Symbol:	APPBP1
Synonyms:	A-116A10.1; APPBP1; HPP1; ula-1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003905
ORF Size:	1602 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC213781).`
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_003905.3
RefSeq Size:	1820 bp
RefSeq ORF:	1605 bp
Locus ID:	8883
UniProt ID:	Q13564
Cytogenetics:	16q22.1
Domains:	ThiF
Protein Pathways:	Alzheimer's disease

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MW: 60.1 kDa

Gene Summary: The protein encoded by this gene binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer's disease. In addition, the encoded protein can form a heterodimer with UBE1C and bind and activate NEDD8, a ubiquitin-like protein. This protein is required for cell cycle progression through the S/M checkpoint. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]