Product datasheet for RC215282L1V

APLP1 (NM_005166) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	APLP1 (NM_005166) Human Tagged ORF Clone Lentiviral Particle
Symbol:	APLP1
Synonyms:	APLP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005166
ORF Size:	1950 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215282).
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_005166.3
RefSeq Size:	2447 bp
RefSeq ORF:	1953 bp
Locus ID:	333
UniProt ID:	P51693
Cytogenetics:	19q13.12
Domains:	A4_EXTRA
Protein Families:	Druggable Genome, Transmembrane

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MW: 72.18 kDa

Gene Summary: This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]