

Product datasheet for **RC217100L2V**

AP4E1 (NM_007347) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AP4E1 (NM_007347) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP4E1
Synonyms:	CPSQ4; SPG51; STUT1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_007347
ORF Size:	3411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217100).
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_007347.4
RefSeq Size:	6768 bp
RefSeq ORF:	3414 bp
Locus ID:	23431
UniProt ID:	Q9UPM8
Cytogenetics:	15q21.2
Protein Pathways:	Lysosome
MW:	127.29 kDa


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Gene Summary:

This gene encodes a member of the adaptor complexes large subunit protein family. These proteins are components of the heterotetrameric adaptor protein complexes, which play important roles in the secretory and endocytic pathways by mediating vesicle formation and sorting of integral membrane proteins. The encoded protein is a large subunit of adaptor protein complex-4, which is associated with both clathrin- and nonclathrin-coated vesicles. Disruption of this gene may be associated with cerebral palsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]