

Product datasheet for **RC212287L4V**

AP2 alpha (AP2A1) (NM_130787) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AP2 alpha (AP2A1) (NM_130787) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP2A1
Synonyms:	ADTAA; AP2-ALPHA; CLAPA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_130787
ORF Size:	2865 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212287).
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_130787.2
RefSeq Size:	3433 bp
RefSeq ORF:	2868 bp
Locus ID:	160
UniProt ID:	O95782
Cytogenetics:	19q13.33
Protein Pathways:	Endocytosis, Huntington's disease
MW:	105.2 kDa



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Gene Summary:

This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. A third transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]