

Product datasheet for **RC211920L4V**

AP1B1 (NM_001127) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AP1B1 (NM_001127) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP1B1
Synonyms:	ADTB1; AP105A; BAM22; CLAPB2; KIDAR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001127
ORF Size:	2847 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211920).
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_001127.3
RefSeq Size:	4194 bp
RefSeq ORF:	2850 bp
Locus ID:	162
UniProt ID:	Q10567
Cytogenetics:	22q12.2
Domains:	Adaptin_N, Alpha_adaptinC2
Protein Pathways:	Lysosome



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MW: 104.6 kDa

Gene Summary: Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as one of the large subunits of this complex and is a member of the adaptin protein family. This gene is a candidate meningioma gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]