

Product datasheet for **RC203018L4V**

alpha Adaptin (AP2A2) (NM_012305) Human Tagged ORF Clone Lentiviral Particle

Product data:

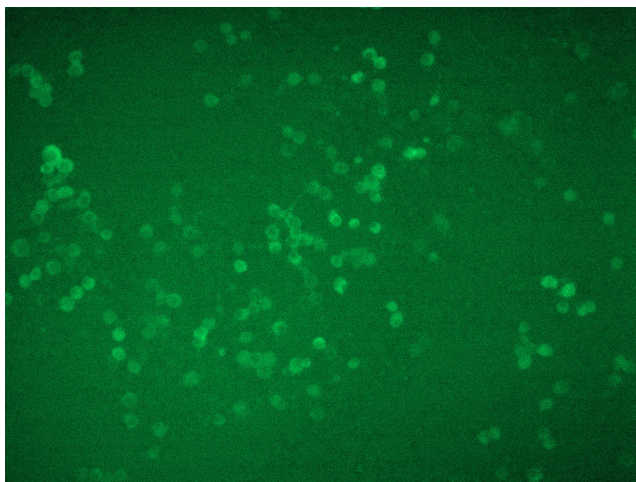
Product Type:	Lentiviral Particles
Product Name:	alpha Adaptin (AP2A2) (NM_012305) Human Tagged ORF Clone Lentiviral Particle
Symbol:	alpha Adaptin
Synonyms:	ADTAB; CLAPA2; HIP-9; HIP9; HYPJ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012305
ORF Size:	2817 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203018).
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_012305.2
RefSeq Size:	4671 bp
RefSeq ORF:	2820 bp
Locus ID:	161
UniProt ID:	O94973
Cytogenetics:	11p15.5
Protein Pathways:	Endocytosis, Huntington's disease
MW:	104 kDa



[View online »](#)

Gene Summary:

The protein encoded by this gene is a subunit of the AP-2 adaptor protein complex, which is involved in linking lipid and protein membrane components with the clathrin lattice. This interaction supports the formation of clathrin-coated vesicles, and the encoded subunit aids in the process by binding polyphosphoinositide-containing lipids in the cell membrane. [provided by RefSeq, Nov 2016]

Product images:

[RC203018L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203018L4V particle to overexpress human AP2A2-mGFP fusion protein.