

Product datasheet for **RC203954L2V**

gamma Adaptin (AP1G1) (NM_001030007) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	gamma Adaptin (AP1G1) (NM_001030007) Human Tagged ORF Clone Lentiviral Particle
Symbol:	gamma Adaptin
Synonyms:	ADTG; CLAPG1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001030007
ORF Size:	2475 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203954).
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_001030007.1 , NP_001025178.1
RefSeq Size:	6850 bp
RefSeq ORF:	2478 bp
Locus ID:	164
UniProt ID:	O43747
Cytogenetics:	16q22.2
Protein Pathways:	Lysosome
MW:	91.5 kDa



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Gene Summary:

Adaptins are important components of clathrin-coated vesicles transporting ligand-receptor complexes from the plasma membrane or from the trans-Golgi network to lysosomes. The adaptin family of proteins is composed of four classes of molecules named alpha, beta-, beta prime- and gamma- adaptins. Adaptins, together with medium and small subunits, form a heterotetrameric complex called an adaptor, whose role is to promote the formation of clathrin-coated pits and vesicles. The protein encoded by this gene is a gamma-adaptin protein and it belongs to the adaptor complexes large subunits family. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]