

## Product datasheet for **RC205509L4V**

### GPAM (NM\_020918) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GPAM (NM_020918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPAM
Synonyms:	GPAT; GPAT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020918
ORF Size:	2484 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205509).
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. <a href="#">More info</a>
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:	<a href="#">NM_020918.2</a>
RefSeq Size:	6402 bp
RefSeq ORF:	2487 bp
Locus ID:	57678
UniProt ID:	<a href="#">Q9HCL2</a>
Cytogenetics:	10q25.2
Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways
MW:	93.9 kDa



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**Gene Summary:**

This gene encodes a mitochondrial enzyme which prefers saturated fatty acids as its substrate for the synthesis of glycerolipids. This metabolic pathway's first step is catalyzed by the encoded enzyme. Two forms for this enzyme exist, one in the mitochondria and one in the endoplasmic reticulum. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2011]