

## Product datasheet for **RC223667L4V**

### GLYAT (NM\_201648) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GLYAT (NM_201648) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLYAT
Synonyms:	ACGNAT; CAT; GAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_201648
ORF Size:	888 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223667).
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_201648.1</a>
RefSeq Size:	2068 bp
RefSeq ORF:	891 bp
Locus ID:	10249
UniProt ID:	<a href="#">Q6IB77</a>
Cytogenetics:	11q12.1
MW:	33.7 kDa



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**Gene Summary:**

The glycine-N-acyltransferase protein conjugates glycine with acyl-CoA substrates in the mitochondria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acyl-CoA's. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]