

Product datasheet for **MR204089L4V**

Glyat (NM_145935) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glyat (NM_145935) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Glyat
Synonyms:	A330009E03Rik; ACGNAT; AI195249; AI315345; CAT; GAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145935
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204089).
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_145935.2
RefSeq Size:	1310 bp
RefSeq ORF:	891 bp
Locus ID:	107146
UniProt ID:	Q91XE0
Cytogenetics:	19 A


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Gene Summary:

Mitochondrial acyltransferase which transfers an acyl group to the N-terminus of glycine and glutamine, although much less efficiently. Can conjugate a multitude of substrates to form a variety of N-acylglycines, thereby detoxify xenobiotics, such as benzoic acid or salicylic acid, and endogenous organic acids, such as isovaleric acid.[UniProtKB/Swiss-Prot Function]