

Product datasheet for **MR207958L4V**

Gpt (NM_182805) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpt (NM_182805) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpt
Synonyms:	ALT; ALT1; Gpt-1; Gpt1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182805
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207958).
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_182805.1
RefSeq Size:	1783 bp
RefSeq ORF:	1491 bp
Locus ID:	76282
UniProt ID:	Q8QZR5
Cytogenetics:	15 36.28 cM



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Gene Summary:

Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles (By similarity). [UniProtKB/Swiss-Prot Function]