

## Product datasheet for **MR227408L3V**

### **Pggt1b (NM\_172627) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pggt1b (NM_172627) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pggt1b
Synonyms:	2010207C17Rik; 2610100E13; AI451237; AI551093; BGG1; GGT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172627
ORF Size:	1131 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227408).
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_172627.3</a> , <a href="#">NP_766215.1</a>
RefSeq Size:	2736 bp
RefSeq ORF:	1134 bp
Locus ID:	225467
UniProt ID:	<a href="#">Q8BUY9</a>
Cytogenetics:	18 C



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**Gene Summary:**

Catalyzes the transfer of a geranyl-geranyl moiety from geranyl-geranyl pyrophosphate to a cysteine at the fourth position from the C-terminus of proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. Known substrates include RAC1, RAC2, RAP1A and RAP1B (By similarity).[UniProtKB/Swiss-Prot Function]