

## Product datasheet for **MR227185L4V**

### Gabrb1 (NM\_008069) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gabrb1 (NM_008069) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gabrb1
Synonyms:	AW061132; B230208N19Rik; Gabrb-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008069
ORF Size:	1422 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227185).
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_008069.4</a>
RefSeq Size:	1860 bp
RefSeq ORF:	1425 bp
Locus ID:	14400
UniProt ID:	<a href="#">P50571</a>
Cytogenetics:	5 38.18 cM



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**Gene Summary:**

Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine (By similarity). Functions as receptor for diazepines and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as ligand-gated chloride channel.[UniProtKB/Swiss-Prot Function]