

## Product datasheet for **MR222749L4V**

### Gria3 (NM\_016886) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gria3 (NM_016886) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gria3
Synonyms:	2900064I19Rik; Glu; GluA3; Glur; Glur-3; GluR-C; GluR-K3; Glur3; Gluralpha3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016886
ORF Size:	2664 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222749).
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_016886.4</a> , <a href="#">NP_058582.3</a>
RefSeq Size:	5213 bp
RefSeq ORF:	2667 bp
Locus ID:	53623
UniProt ID:	<a href="#">Q9Z2W9</a>
Cytogenetics:	X 23.19 cM



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**Gene Summary:**

This gene encodes a multi-pass transmembrane protein that forms a homotetramer or heterotetramer in neuronal cells. The encoded protein is a ligand-gated ion channel that responds to the neurotransmitter L-glutamate to promote synaptic transmission. Deficiency of this gene leads to behavioral phenotypes. The transcript is subject to RNA editing at codon 769 (AGA->GGA; R->G). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]