

## Product datasheet for **RC217549L4V**

### **NR3B (GRIN3B) (NM\_138690) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NR3B (GRIN3B) (NM_138690) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRIN3B
Synonyms:	GluN3B; NR3B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138690
ORF Size:	3129 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217549).
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_138690.1</a>
RefSeq Size:	3270 bp
RefSeq ORF:	3132 bp
Locus ID:	116444
UniProt ID:	<a href="#">O60391</a>
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 112.8 kDa

**Gene Summary:** The protein encoded by this gene is a subunit of an N-methyl-D-aspartate (NMDA) receptor. The encoded protein is found primarily in motor neurons, where it forms a heterotetramer with GRIN1 to create an excitatory glycine receptor. Variations in this gene have been proposed to be linked to schizophrenia. [provided by RefSeq, Nov 2015]