

Product datasheet for **RC224397L4V**

GRID1 (NM_017551) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRID1 (NM_017551) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRID1
Synonyms:	GluD1; GluD1-b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017551
ORF Size:	3027 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224397).
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_017551.1
RefSeq Size:	5849 bp
RefSeq ORF:	3030 bp
Locus ID:	2894
UniProt ID:	Q9ULK0
Cytogenetics:	10q23.1-q23.2
Protein Families:	Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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MW: 112.13 kDa

Gene Summary: This gene encodes a subunit of glutamate receptor channels. These channels mediate most of the fast excitatory synaptic transmission in the central nervous system and play key roles in synaptic plasticity.[provided by RefSeq, Jan 2009]