

## Product datasheet for **RC217506L1V**

### **GABRR1 (NM\_002042) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

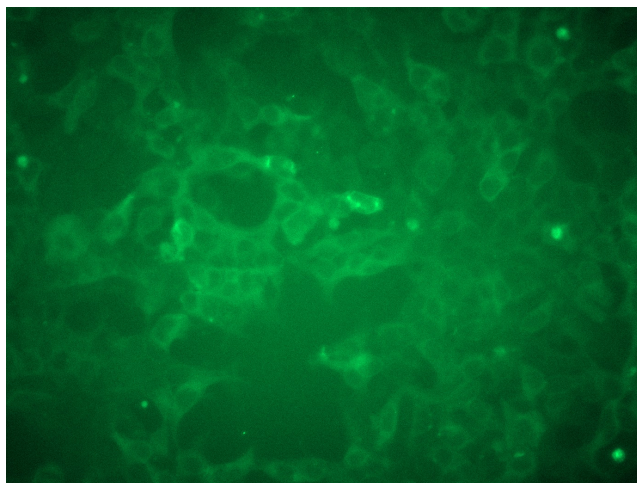
Product Type:	Lentiviral Particles
Product Name:	GABRR1 (NM_002042) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GABRR1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002042
ORF Size:	1422 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217506).
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_002042.2</a>
RefSeq Size:	3174 bp
RefSeq ORF:	1440 bp
Locus ID:	2569
UniProt ID:	<a href="#">P24046</a>
Cytogenetics:	6q15
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	55.3 kDa



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**Gene Summary:**

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. GABRR1 is a member of the rho subunit family. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

**Product images:**

[RC217506L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC217506L1V particle to overexpress human GABRR1-Myc-DDK fusion protein.