

## Product datasheet for RC210173L3V

## OriGene Technologies, Inc.

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## GABA A Receptor gamma 2 (GABRG2) (NM\_198903) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** GABA A Receptor gamma 2 (GABRG2) (NM\_198903) Human Tagged ORF Clone Lentiviral

Particle

Symbol: GABA A Receptor gamma 2

Synonyms: CAE2; DEE74; ECA2; EIEE74; FEB8; GEFSP3

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM\_198903

ORF Size: 1404 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC210173).

OTI Disclaimer:

Cytogenetics:

Sequence:

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:** <u>NM 198903.1</u>

 RefSeq Size:
 4077 bp

 RefSeq ORF:
 1548 bp

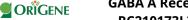
 Locus ID:
 2566

 UniProt ID:
 P18507

5q34

**Protein Families:** Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane





## GABA A Receptor gamma 2 (GABRG2) (NM\_198903) Human Tagged ORF Clone Lentiviral Particle - RC210173L3V

**Protein Pathways:** Neuroactive ligand-receptor interaction

**MW:** 54.2 kDa

**Gene Summary:** This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory

neurotransmitter in the mammlian brain, where it acts at GABA-A receptors, which are ligandgated chloride channels. GABA-A receptors are pentameric, consisting of proteins from

several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different

isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]