

## Product datasheet for **RC224902L4V**

### **GABRP (NM\_014211) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | GABRP (NM_014211) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | GABRP  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_014211  |
| ORF Size:                 | 1320 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224902).   |
| 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_014211.1</a>  |
| RefSeq Size:              | 3310 bp  |
| RefSeq ORF:               | 1323 bp  |
| Locus ID:                 | 2568   |
| UniProt ID:               | <a href="#">O00591</a>   |
| Cytogenetics:             | 5q35.1   |
| Domains:                  | Neur_chan_memb, Neur_chan_LBD  |
| Protein Families:         | Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane  |
| Protein Pathways:         | Neuroactive ligand-receptor interaction  |



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**MW:** 50.6 kDa

**Gene Summary:** The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. The subunit encoded by this gene is expressed in several non-neuronal tissues including the uterus and ovaries. This subunit can assemble with known GABA A receptor subunits, and the presence of this subunit alters the sensitivity of recombinant receptors to modulatory agents such as pregnanolone. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]