

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for RC228238L3V

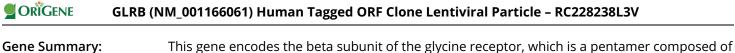
## GLRB (NM\_001166061) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

| Product Type:                | Lentiviral Particles  |
|------------------------------|---|
| Product Name:                | GLRB (NM_001166061) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                      | GLRB  |
| Synonyms:                    | HKPX2   |
| Mammalian Cell<br>Selection: | Puromycin   |
| Vector:                      | pLenti-C-Myc-DDK-P2A-Puro (PS100092)  |
| Tag:                         | Myc-DDK   |
| ACCN:                        | NM_001166061  |
| ORF Size:                    | 909 bp  |
| ORF Nucleotide<br>Sequence:  | The ORF insert of this clone is exactly the same as(RC228238).  |
| 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. <u>More info</u> |
| 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 001166061.1, NP 001159533.1</u>   |
| RefSeq ORF:                  | 912 bp  |
| Locus ID:                    | 2743  |
| UniProt ID:                  | <u>P48167</u>   |
| Cytogenetics:                | 4q32.1  |
| Protein Families:            | Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane   |
| Protein Pathways:            | Neuroactive ligand-receptor interaction   |
| MW:                          | 34.94 kDa   |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Summary:This gene encodes the beta subunit of the glycine receptor, which is a pentamer composed of<br/>alpha and beta subunits. The receptor functions as a neurotransmitter-gated ion channel,<br/>which produces hyperpolarization via increased chloride conductance due to the binding of<br/>glycine to the receptor. Mutations in this gene cause startle disease, also known as hereditary<br/>hyperekplexia or congenital stiff-person syndrome, a disease characterized by muscular<br/>rigidity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct<br/>2009]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US