

## Product datasheet for **RC229945L4V**

### alpha 2 Glycine Receptor (GLRA2) (NM\_001171942) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	alpha 2 Glycine Receptor (GLRA2) (NM_001171942) Human Tagged ORF Clone Lentiviral Particle
Symbol:	alpha 2 Glycine Receptor
Synonyms:	GLR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171942
ORF Size:	1089 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229945).
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_001171942.1</a> , <a href="#">NP_001165413.1</a>
RefSeq ORF:	1092 bp
Locus ID:	2742
UniProt ID:	<a href="#">P23416</a>
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 42.5 kDa

**Gene Summary:** The glycine receptor consists of two subunits, alpha and beta, and acts as a pentamer. The protein encoded by this gene is an alpha subunit and can bind strychnine. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]