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 RC228907L4V

alpha 1 Glycine Receptor (GLRA1) (NM_001146040) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	alpha 1 Glycine Receptor (GLRA1) (NM_001146040) Human Tagged ORF Clone Lentiviral Particle
Symbol:	alpha 1 Glycine Receptor
Synonyms:	HKPX1; STHE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146040
ORF Size:	1371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228907).
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. 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:	NM_001146040.1
RefSeq Size:	1835 bp
RefSeq ORF:	1374 bp
Locus ID:	2741
UniProt ID:	P23415
Cytogenetics:	5q33.1
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

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Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	52.6 kDa
Gene Summary:	The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor, which mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Multiple transcript variants encoding different isoforms have been found. [provided by RefSeq, Dec 2015]