

Product datasheet for **RC210284L4V**

G2A (GPR132) (NM_013345) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	G2A (GPR132) (NM_013345) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR132
Synonyms:	G2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013345
ORF Size:	1140 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210284).
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_013345.2
RefSeq Size:	3788 bp
RefSeq ORF:	1143 bp
Locus ID:	29933
UniProt ID:	Q9UNW8
Cytogenetics:	14q32.33
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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MW: 42.5 kDa

Gene Summary: This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein was reported to be a receptor for lysophosphatidylcholine action, but PubMedID: 15653487 retracts this finding and instead suggests this protein to be an effector of lysophosphatidylcholine action. This protein may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]