

## Product datasheet for **RC210828L4V**

### **GNG13 (NM\_016541) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GNG13 (NM_016541) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNG13
Synonyms:	G(gamma)13; h2-35
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016541
ORF Size:	201 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210828).
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_016541.1</a>
RefSeq Size:	1001 bp
RefSeq ORF:	204 bp
Locus ID:	51764
UniProt ID:	<a href="#">Q9P2W3</a>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Taste transduction



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**MW:** 7.9 kDa

**Gene Summary:** Heterotrimeric G proteins, which consist of alpha (see MIM 139320), beta (see MIM 139380), and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is a gamma subunit that is expressed in taste, retinal, and neuronal tissues and plays a key role in taste transduction (Li et al., 2006 [PubMed 16473877]).[supplied by OMIM, Oct 2009]