

## Product datasheet for **MR207159L4V**

### Gnal (NM\_177137) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gnal (NM_177137) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gnal
Synonyms:	2610011C15Rik; 9630020G10Rik; Galphaolf; Gna10; Golf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177137
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207159).
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_177137.4</a> , <a href="#">NP_796111.2</a>
RefSeq Size:	5654 bp
RefSeq ORF:	1347 bp
Locus ID:	14680
Cytogenetics:	18 39.85 cM



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**Gene Summary:**

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(olf) alpha mediates signal transduction within the olfactory neuroepithelium and the basal ganglia. May be involved in some aspect of visual transduction, and in mediating the effect of one or more hormones/neurotransmitters (By similarity).[UniProtKB/Swiss-Prot Function]