

## Product datasheet for **MR217731L4V**

### Gpr62 (NM\_001159652) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpr62 (NM_001159652) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpr62
Synonyms:	4933402E03Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001159652
ORF Size:	1074 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217731).
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_001159652.1</a>
RefSeq Size:	1981 bp
RefSeq ORF:	1077 bp
Locus ID:	436090
UniProt ID:	<a href="#">Q80UC6</a>
Cytogenetics:	9 F1



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**Gene Summary:**

Orphan G-protein coupled receptor. Constitutively activates the G(q/11)/inositol phosphate and the G(s)-alpha/cAMP signaling pathways (PubMed:28912303). Has spontaneous activity for beta-arrestin recruitment (By similarity). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (By similarity).[UniProtKB/Swiss-Prot Function]