

## Product datasheet for **MR218809L3V**

### **Pth2r (NM\_139270) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pth2r (NM_139270) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pth2r
Synonyms:	Pthr2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_139270
ORF Size:	1638 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218809).
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_139270.2</a> , <a href="#">NP_644676.1</a>
RefSeq Size:	2414 bp
RefSeq ORF:	1641 bp
Locus ID:	213527
UniProt ID:	<a href="#">Q91V95</a>
Cytogenetics:	1 33.05 cM



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**Gene Summary:**

This is a specific receptor for parathyroid hormone. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. PTH2R may be responsible for PTH effects in a number of physiological systems. It may play a significant role in pancreatic function. PTH2R presence in neurons indicates that it may function as a neurotransmitter receptor (By similarity).[UniProtKB/Swiss-Prot Function]