

## Product datasheet for **MR207312L4V**

### **Ttyh1 (NM\_001001454) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ttyh1 (NM_001001454) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ttyh1
Synonyms:	4930459B04Rik; 6330408P11Rik; mTTY1; tty; TTY1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001454
ORF Size:	1383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207312).
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_001001454.1</a> , <a href="#">NP_001001454.1</a>
RefSeq Size:	3842 bp
RefSeq ORF:	1383 bp
Locus ID:	57776
UniProt ID:	<a href="#">Q9D3A9</a>
Cytogenetics:	7 A1



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**Gene Summary:**

This gene encodes a member of the Tweety family of membrane proteins. Members of this family contain five predicted transmembrane regions that are arranged in a characteristic pattern. In mouse, the protein is predominantly localized to the endoplasmic reticulum and displays calcium binding activity. Targeted knock out of this gene results in early embryonic lethality prior to the blastocyst stage. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]