

## Product datasheet for **MR208179L4V**

### **Cyp4a10 (NM\_010011) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cyp4a10 (NM_010011) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cyp4a10
Synonyms:	AI647584; Cyp4a; D4Rp1; Msp-3; RP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010011
ORF Size:	1530 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208179).
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_010011.2</a> , <a href="#">NP_034141.2</a>
RefSeq Size:	2096 bp
RefSeq ORF:	1530 bp
Locus ID:	13117
UniProt ID:	<a href="#">O88833</a>
Cytogenetics:	4 53.05 cM



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**Gene Summary:**

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.  
[UniProtKB/Swiss-Prot Function]