

## Product datasheet for **MR208039L4V**

### **Aldh1a1 (NM\_013467) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Product Name:</b>	Aldh1a1 (NM_013467) Mouse Tagged ORF Clone Lentiviral Particle
<b>Symbol:</b>	Aldh1a1
<b>Synonyms:</b>	Ahd-2; Ahd2; Aldh1; Aldh1a2; E1; Raldh1
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_013467
<b>ORF Size:</b>	1503 bp
<b>ORF Nucleotide Sequence:</b>	The ORF insert of this clone is exactly the same as(MR208039).
<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_013467.3</a>
<b>RefSeq Size:</b>	2032 bp
<b>RefSeq ORF:</b>	1506 bp
<b>Locus ID:</b>	11668
<b>UniProt ID:</b>	<a href="#">P24549</a>
<b>Cytogenetics:</b>	19 13.91 cM
<b>Gene Summary:</b>	Can convert/oxidize retinaldehyde to retinoic acid. Binds free retinal and cellular retinol-binding protein-bound retinal (By similarity). May have a broader specificity and oxidize other aldehydes in vivo (By similarity).[UniProtKB/Swiss-Prot Function]



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