

Product datasheet for **MR208039L3V**

Aldh1a1 (NM_013467) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aldh1a1 (NM_013467) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Aldh1a1
Synonyms:	Ahd-2; Ahd2; Aldh1; Aldh1a2; E1; Raldh1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013467
ORF Size:	1503 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208039).
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. More info
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:	NM_013467.3
RefSeq Size:	2032 bp
RefSeq ORF:	1506 bp
Locus ID:	11668
UniProt ID:	P24549
Cytogenetics:	19 13.91 cM
Gene Summary:	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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