

Product datasheet for **MR207926L4V**

Aldh9a1 (NM_019993) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aldh9a1 (NM_019993) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Aldh9a1
Synonyms:	AA139417; Abaldh; ESTM40; TMABA-DH; Tmabadh
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019993
ORF Size:	1485 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207926).
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_019993.3
RefSeq Size:	2834 bp
RefSeq ORF:	1557 bp
Locus ID:	56752
UniProt ID:	Q9JLJ2
Cytogenetics:	1 H2.3



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Gene Summary:

Converts gamma-trimethylaminobutyraldehyde into gamma-butyrobetaine with high efficiency (in vitro). Can catalyze the irreversible oxidation of a broad range of aldehydes to the corresponding acids in an NAD-dependent reaction, but with low efficiency.
[UniProtKB/Swiss-Prot Function]