

## Product datasheet for **MR208442L4V**

### Maoa (NM\_173740) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Maoa (NM_173740) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Maoa
Synonyms:	1110061B18Rik; AA407771
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173740
ORF Size:	1581 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208442).
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_173740.2</a>
RefSeq Size:	4161 bp
RefSeq ORF:	1581 bp
Locus ID:	17161
UniProt ID:	<a href="#">Q64133</a>
Cytogenetics:	X 11.78 cM



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**Gene Summary:**

Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine (By similarity).[UniProtKB/Swiss-Prot Function]