

Product datasheet for **MR207830L4V**

Mdm4 (NM_008575) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Mdm4
Synonyms:	4933417N07Rik; AA414968; AL023055; AU018793; AU021806; C85810; Mdmx
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008575
ORF Size:	1467 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR207830).

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_008575.2 , NP_032601.2
RefSeq Size:	3490 bp
RefSeq ORF:	1470 bp
Locus ID:	17248
UniProt ID:	O35618
Cytogenetics:	157.75 cM



Gene Summary:

This gene encodes a protein that has been shown to negatively regulate the activity of the tumor suppressor protein p53. Homozygous knockout mice exhibit embryonic lethality as a result of p53-dependent apoptosis and cell cycle arrest. Amplification of this gene or overexpression of the encoded protein has been linked to a range of human cancers. A pseudogene has been identified on the X chromosome. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2014]