

## Product datasheet for **MR209364L4V**

### Mmp16 (NM\_019724) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mmp16 (NM_019724) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mmp16
Synonyms:	MT-MMP 3; MT3-MMP; Mt3mmp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019724
ORF Size:	1824 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209364).
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_019724.2</a>
RefSeq Size:	4576 bp
RefSeq ORF:	1824 bp
Locus ID:	17389
UniProt ID:	<a href="#">Q9WTR0</a>
Cytogenetics:	4 7.08 cM



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**Gene Summary:**

This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme. Mice lacking the encoded protein exhibit retarded growth of the skeleton, especially in the cranium and long bones. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]