

Product datasheet for **MR207900L4V**

Mmp11 (NM_008606) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mmp11 (NM_008606) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mmp11
Synonyms:	MMP-11; SL-3; ST; ST3; Stmy; Stmy3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008606
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207900).
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_008606.2 , NP_032632.1
RefSeq Size:	2247 bp
RefSeq ORF:	1479 bp
Locus ID:	17385
UniProt ID:	Q02853
Cytogenetics:	10 38.62 cM



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Gene Summary:

This gene encodes a member of the matrix metalloproteinase family of endopeptidases that are involved in remodeling extracellular matrix during, for example, embryonic development and tumor progression. The encoded protein undergoes post-translational proteolytic processing by furin endopeptidase to form an active enzyme. Subcutaneous introduction of cells expressing the encoded protein into nude mice results in increased tumor incidence. Mice lacking the encoded protein exhibit a decreased incidence of chemically-induced tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]