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Product datasheet for MR220750L4V

Mmp24 (NM_010808) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mmp24 (NM_010808) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mmp24
Synonyms:	AU040325; MMP-21; MT5-MM; MT5-MMP; MT5MMP; MTMMP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010808
ORF Size:	1854 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220750).
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_010808.3, NP_034938.3
RefSeq Size:	4304 bp
RefSeq ORF:	1857 bp
Locus ID:	17391
UniProt ID:	Q9R0S2
Cytogenetics:	2 77.26 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 do not develop neuropathic pain with mechanical allodynia after sciatic nerve injury, display enhanced sensitivity to noxious thermal stimuli under basal conditions, and develop hyperalgesia during inflammation. [provided by RefSeq, Feb 2016]