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Product datasheet for RC210935L2V

MMP26 (NM_021801) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MMP26 (NM_021801) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MMP26
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021801
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210935).
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_021801.3
RefSeq Size:	998 bp
RefSeq ORF:	786 bp
Locus ID:	56547
UniProt ID:	Q9NRE1
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome, Secreted Protein
MW:	29.7 kDa

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Gene Summary: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme may degrade collagen type IV, fibronectin, fibrinogen, and beta-casein, and activate matrix metalloproteinase-9 by cleavage. The protein differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The encoded protein may promote cell invasion in multiple human cancers. [provided by RefSeq, May 2016]