Product datasheet for MR201931L3V

Pdgfa (NM_008808) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pdgfa (NM_008808) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pdgfa
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008808
ORF Size:	591 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201931).
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_008808.3
RefSeq Size:	1019 bp
RefSeq ORF:	591 bp
Locus ID:	18590
UniProt ID:	P20033
Cytogenetics:	5 77.65 cM

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ORIGENE

Gene Summary: Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Required for normal lung alveolar septum formation during embryogenesis, normal development of the gastrointestinal tract, normal development of Leydig cells and spermatogenesis. Required for normal oligodendrocyte development and normal myelination in the spinal cord and cerebellum. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFB. [UniProtKB/Swiss-Prot Function]