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Product datasheet for RC219641L2V

SCDGFB (PDGFD) (NM_025208) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCDGFB (PDGFD) (NM_025208) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCDGFB
Synonyms:	IEGF; MSTP036; SCDGF-B; SCDGFB
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_025208
ORF Size:	1110 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219641).
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_025208.3
RefSeq Size:	3870 bp
RefSeq ORF:	1113 bp
Locus ID:	80310
UniProt ID:	Q9GZP0
Cytogenetics:	11q22.3
Domains:	CUB
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: Focal adhesion, Gap junction, Melanoma, Prostate cancer, Regulation of actin cytoskeleton

MW: 40.2 kDa

Gene Summary: The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene. [provided by RefSeq, Jul 2008]