Product datasheet for RC220116L3V

PF4V1 (NM_002620) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PF4V1 (NM_002620) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PF4V1
Synonyms:	CXCL4L1; CXCL4V1; PF4-ALT; PF4A; SCYB4V1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002620
ORF Size:	312 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220116).
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_002620.1
RefSeq Size:	741 bp
RefSeq ORF:	315 bp
Locus ID:	5197
UniProt ID:	P10720
Cytogenetics:	4q13.3
Protein Families:	Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction

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MW: 11.6 kDa

Gene Summary: The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor growth and can protect against blood-retinal barrier breakdown in diabetes patients. [provided by RefSeq, Nov 2015]