Product datasheet for RC204186L2V

PEDF (SERPINF1) (NM_002615) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PEDF (SERPINF1) (NM_002615) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PEDF
Synonyms:	EPC-1; OI6; OI12; PEDF; PIG35
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002615
ORF Size:	1254 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204186).
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_002615.4
RefSeq Size:	1552 bp
RefSeq ORF:	1257 bp
Locus ID:	5176
UniProt ID:	P36955
Cytogenetics:	17p13.3
Domains:	SERPIN
Protein Families:	Druggable Genome, Secreted Protein

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MW: 46.4 kDa

Gene Summary: This gene encodes a member of the serpin family that does not display the serine protease inhibitory activity shown by many of the other serpin proteins. The encoded protein is secreted and strongly inhibits angiogenesis. In addition, this protein is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells. Mutations in this gene were found in individuals with osteogenesis imperfecta, type VI. [provided by RefSeq, Aug 2016]