

Product datasheet for **RC204930L4V**

PDPN (NM_198389) Human Tagged ORF Clone Lentiviral Particle

Product data:

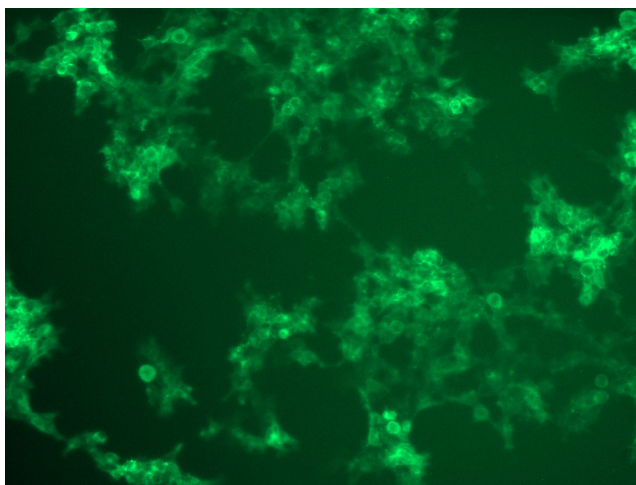
Product Type:	Lentiviral Particles
Product Name:	PDPN (NM_198389) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PDPN
Synonyms:	AGGRUS; GP36; Gp38; GP40; HT1A-1; OTS8; PA2.26; T1A; T1A-2; T1A2; T11A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198389
ORF Size:	714 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204930).
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_198389.2 , NP_938203.2
RefSeq Size:	2822 bp
RefSeq ORF:	711 bp
Locus ID:	10630
UniProt ID:	Q86YL7
Cytogenetics:	1p36.21
Protein Families:	Druggable Genome, Transmembrane
MW:	24.9 kDa



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Gene Summary:

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Product images:

[RC204930L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC204930L4V particle to overexpress human PDPN-mGFP fusion protein.