

## Product datasheet for **RC205651L1V**

### Angiopoietin like 4 (ANGPTL4) (NM\_139314) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Angiopoietin like 4 (ANGPTL4) (NM_139314) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Angiopoietin like 4
Synonyms:	ARP4; FIAF; HARP; HFARP; NL2; PGAR; pp1158; TGQTL; UNQ171
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_139314
ORF Size:	1218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205651).
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. <a href="#">More info</a>
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:	<a href="#">NM_139314.1</a>
RefSeq Size:	1905 bp
RefSeq ORF:	1221 bp
Locus ID:	51129
UniProt ID:	<a href="#">Q9BY76</a>
Cytogenetics:	19p13.2
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	PPAR signaling pathway



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**MW:** 45.2 kDa

**Gene Summary:** This gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. This protein can also act as an apoptosis survival factor for vascular endothelial cells and can prevent metastasis by inhibiting vascular growth and tumor cell invasion. The C-terminal domain may be proteolytically-cleaved from the full-length secreted protein. Decreased expression of this gene has been associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq, Sep 2013]