

Product datasheet for **RC200321L2V**

Angiopoietin like 7 (ANGPTL7) (NM_021146) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Angiopoietin like 7 (ANGPTL7) (NM_021146) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANGPTL7
Synonyms:	AngX; CDT6; dj647M16.1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021146
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200321).
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_021146.2
RefSeq Size:	2307 bp
RefSeq ORF:	1041 bp
Locus ID:	10218
UniProt ID:	O43827
Cytogenetics:	1p36.22
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	40 kDa



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Gene Summary:

Has a role in the formation and organization of the extracellular matrix. In the eye, it functions as a mediator of dexamethasone-induced matrix deposition in the trabecular meshwork, the tissue responsible for the outflow of the ocular aqueous humor and for the maintenance of intraocular pressure (PubMed:21199193). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed:25622036).[UniProtKB/Swiss-Prot Function]