

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC200321L1V

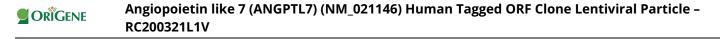
Angiopoietin like 7 (ANGPTL7) (NM_021146) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|---|
| Product Name: | Angiopoietin like 7 (ANGPTL7) (NM_021146) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Angiopoietin like 7 |
| Synonyms: | AngX; CDT6; dJ647M16.1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| 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. <u>More info</u> |
| 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: | <u>NM 021146.2</u> |
| RefSeq Size: | 2307 bp |
| RefSeq ORF: | 1041 bp |
| Locus ID: | 10218 |
| UniProt ID: | <u>043827</u> |
| 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]

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