

Product datasheet for **TL306726V**

AMOTL2 Human shRNA Lentiviral Particle (Locus ID 51421)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	AMOTL2 Human shRNA Lentiviral Particle (Locus ID 51421)
Locus ID:	51421
Synonyms:	LCCP
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	AMOTL2 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10 ⁷ TU/ml.
RefSeq:	NM_001278683 , NM_001278685 , NM_016201 , NM_016201.3 , NM_001278685.1 , NM_001278683.1 , BC011454 , BC025981 , NM_001363943 , NM_001278685.2 , NM_016201.4
UniProt ID:	Q9Y2J4
Summary:	Angiotenin is a protein that binds angiotenin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiotenin mediates angiotenin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiotenin and is a member of the motin protein family. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com . If you need a special design or shRNA sequence, please utilize our custom shRNA service .

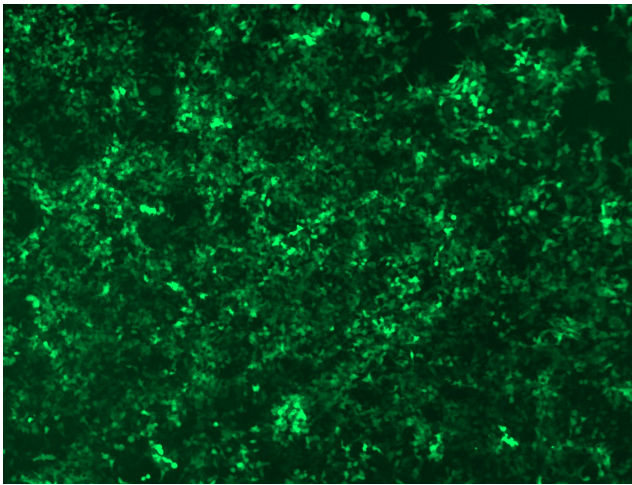


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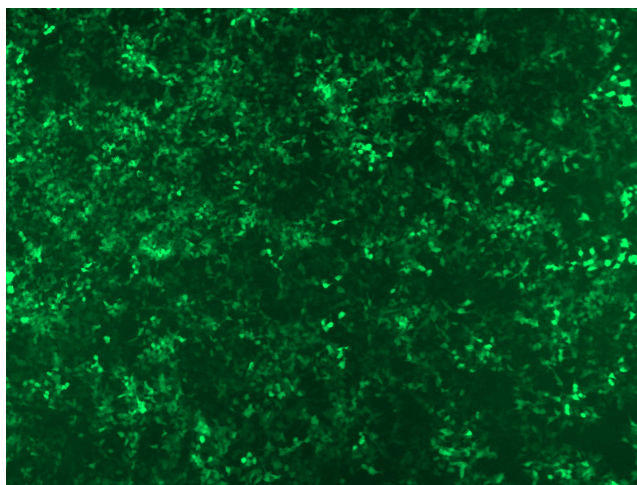
**Performance
Guaranteed:**

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

Product images:

GFP signal was observed under microscope at 48 hours after transduction of TL306726A virus into HEK293 cells. TL306726A virus was prepared using lenti-shRNA TL306726A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL306726B virus into HEK293 cells. TL306726B virus was prepared using lenti-shRNA TL306726B and [TR30037] packaging kit.