

## Product datasheet for **RC216272L4V**

### Anillin (ANLN) (NM\_018685) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Anillin (ANLN) (NM_018685) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Anillin
Synonyms:	FSGS8; scra; Scraps
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018685
ORF Size:	3375 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216272).
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_018685.2</a>
RefSeq Size:	4786 bp
RefSeq ORF:	3375 bp
Locus ID:	54443
UniProt ID:	<a href="#">Q9NQW6</a>
Cytogenetics:	7p14.2
Domains:	PH
Protein Families:	Druggable Genome



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**MW:** 124 kDa

**Gene Summary:** This gene encodes an actin-binding protein that plays a role in cell growth and migration, and in cytokinesis. The encoded protein is thought to regulate actin cytoskeletal dynamics in podocytes, components of the glomerulus. Mutations in this gene are associated with focal segmental glomerulosclerosis 8. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]