

## Product datasheet for **RC203397L3V**

### Lin28 (LIN28A) (NM\_024674) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Lin28 (LIN28A) (NM_024674) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Lin28
Synonyms:	CSDD1; LIN-28; lin-28A; LIN28; ZCCHC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024674
ORF Size:	627 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203397).
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_024674.3</a>
RefSeq Size:	4014 bp
RefSeq ORF:	630 bp
Locus ID:	79727
UniProt ID:	<a href="#">Q9H9Z2</a>
Cytogenetics:	1p36.11
Protein Families:	Transcription Factors
MW:	22.7 kDa



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**Gene Summary:**

This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional regulator of genes involved in developmental timing and self-renewal in embryonic stem cells. The encoded protein functions through direct interaction with target mRNAs and by disrupting the maturation of certain miRNAs involved in embryonic development. This protein prevents the terminal processing of the LET7 family of microRNAs which are major regulators of cellular growth and differentiation. Aberrant expression of this gene is associated with cancer progression in multiple tissues. [provided by RefSeq, Sep 2015]