

Product datasheet for **RC216859L2V**

SIN3B (NM_015260) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIN3B (NM_015260) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIN3B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015260
ORF Size:	3486 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216859).
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_015260.1
RefSeq Size:	5129 bp
RefSeq ORF:	3489 bp
Locus ID:	23309
UniProt ID:	O75182
Cytogenetics:	19p13.11
MW:	132.9 kDa



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Gene Summary:

Acts as a transcriptional repressor. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Interacts with MAD-MAX heterodimers by binding to MAD. The heterodimer then represses transcription by tethering SIN3B to DNA. Also forms a complex with FOXK1 which represses transcription. With FOXK1, regulates cell cycle progression probably by repressing cell cycle inhibitor genes expression.[UniProtKB/Swiss-Prot Function]