

## Product datasheet for **RC217516L3V**

### Gemin 5 (GEMIN5) (NM\_015465) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gemin 5 (GEMIN5) (NM_015465) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gemin 5
Synonyms:	GEMIN-5; NEDCAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015465
ORF Size:	4524 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217516).
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_015465.1</a>
RefSeq Size:	4527 bp
RefSeq ORF:	4527 bp
Locus ID:	25929
UniProt ID:	<a href="#">Q8TEQ6</a>
Cytogenetics:	5q33.2
Domains:	WD40
Protein Families:	Druggable Genome



[View online »](#)

**MW:** 168.4 kDa

**Gene Summary:** This gene encodes a WD repeat protein that is a component of the survival of motor neurons (SMN) complex. The SMN complex plays a critical role in mRNA splicing through the assembly of spliceosomal small nuclear ribonucleoproteins (snRNPs), and may also mediate the assembly and transport of other classes of ribonucleoproteins. The encoded protein is the snRNA-binding component of the SMN complex. Dysregulation of this gene may play a role in alternative mRNA splicing and tumor cell motility. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]