

## Product datasheet for **RC224525L4V**

### Gemin 7 (GEMIN7) (NM\_001007270) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gemin 7 (GEMIN7) (NM_001007270) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gemin 7
Synonyms:	SIP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007270
ORF Size:	393 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224525).
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_001007270.1</a>
RefSeq Size:	1561 bp
RefSeq ORF:	396 bp
Locus ID:	79760
UniProt ID:	<a href="#">Q9H840</a>
Cytogenetics:	19q13.32
Protein Families:	Stem cell - Pluripotency
MW:	14.5 kDa



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**Gene Summary:**

The protein encoded by this gene is a component of the core SMN complex, which is required for pre-mRNA splicing in the nucleus. The encoded protein is found in the nucleoplasm, in nuclear "gems" (Gemini of Cajal bodies), and in the cytoplasm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]