

Product datasheet for **RC203733L4V**

Gemin 4 (GEMIN4) (NM_015721) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gemin 4 (GEMIN4) (NM_015721) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gemin 4
Synonyms:	HC56; HCAP1; HHRF-1; NEDMCR; p97
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015721
ORF Size:	3174 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203733).
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_015721.2
RefSeq Size:	3757 bp
RefSeq ORF:	3177 bp
Locus ID:	50628
UniProt ID:	P57678
Cytogenetics:	17p13.3
Protein Families:	Druggable Genome
MW:	120.5 kDa



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Gene Summary:

The product of this gene is part of a large complex localized to the cytoplasm, nucleoli, and to discrete nuclear bodies called Gemini bodies (gems). The complex functions in spliceosomal snRNP assembly in the cytoplasm, and regenerates spliceosomes required for pre-mRNA splicing in the nucleus. The encoded protein directly interacts with a DEAD box protein and several spliceosome core proteins. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]