

Product datasheet for **RC214871L2V**

Gelsolin (GSN) (NM_000177) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gelsolin (GSN) (NM_000177) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gelsolin
Synonyms:	ADF; AGEL
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000177
ORF Size:	2346 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214871).
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_000177.3
RefSeq Size:	2705 bp
RefSeq ORF:	2349 bp
Locus ID:	2934
UniProt ID:	P06396
Cytogenetics:	9q33.2
Domains:	GEL, Gelsolin
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways: Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton

MW: 85.7 kDa

Gene Summary: The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]