

Product datasheet for RC206861L4V

OriGene Technologies, Inc.

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Gelsolin (GSN) (NM_198252) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Gelsolin (GSN) (NM_198252) Human Tagged ORF Clone Lentiviral Particle

Symbol: Gelsolin
Synonyms: ADF; AGEL
Mammalian Cell Puromycin

Selection:

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Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_198252 **ORF Size:** 2346 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC206861).

OTI Disclaimer:

Sequence:

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.

RefSeg: NM 198252.2, NP 937895.1

 RefSeq Size:
 2685 bp

 RefSeq ORF:
 2196 bp

 Locus ID:
 2934

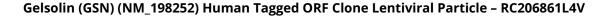
 UniProt ID:
 P06396

 Cytogenetics:
 9q33.2

Protein Families: Druggable Genome, Secreted Protein

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





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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]