

Product datasheet for **RC221617L4V**

ADAMTS16 (NM_139056) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAMTS16 (NM_139056) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAMTS16
Synonyms:	ADAMTS16s
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139056
ORF Size:	3672 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221617).
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_139056.2
RefSeq Size:	4974 bp
RefSeq ORF:	3675 bp
Locus ID:	170690
UniProt ID:	Q8TE57
Cytogenetics:	5p15.32
Protein Families:	Protease
MW:	133.4 kDa



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Gene Summary:

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature protein, which may inhibit chondrosarcoma cell proliferation and migration. This gene may regulate blood pressure. [provided by RefSeq, May 2016]