

Product datasheet for **RC220803L4V**

ADAMTS6 (NM_197941) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAMTS6 (NM_197941) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAMTS6
Synonyms:	ADAM-TS 6; ADAM-TS6; ADAMTS-6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_197941
ORF Size:	3351 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220803).
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_197941.2
RefSeq Size:	7289 bp
RefSeq ORF:	3354 bp
Locus ID:	11174
UniProt ID:	Q9UKP5
Cytogenetics:	5q12.3
Protein Families:	Protease
MW:	122.7 kDa



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Gene Summary:

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family 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 enzyme. Expression of this gene may be regulated by the cytokine TNF-alpha. [provided by RefSeq, Mar 2016]