

Product datasheet for **RC224243L4V**

ADAMTS12 (NM_030955) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAMTS12 (NM_030955) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAMTS12
Synonyms:	PRO4389
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030955
ORF Size:	4782 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224243).
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_030955.2
RefSeq Size:	4955 bp
RefSeq ORF:	4785 bp
Locus ID:	81792
UniProt ID:	P58397
Cytogenetics:	5p13.3-p13.2
Protein Families:	Druggable Genome
MW:	177.5 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-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq, Jul 2008]