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Product datasheet for RC211602L1V

ADAMTS3 (NM_014243) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAMTS3 (NM_014243) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAMTS3
Synonyms:	ADAMTS-4; HKLLS3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014243
ORF Size:	3615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211602).
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_014243.1, NP_055058.1
RefSeq Size:	5836 bp
RefSeq ORF:	3618 bp
Locus ID:	9508
UniProt ID:	O15072
Cytogenetics:	4q13.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	135.6 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 protease. This protease, a member of the procollagen aminopropeptidase subfamily of proteins, may play a role in the processing of type II fibrillar collagen in articular cartilage. [provided by RefSeq, Feb 2016]