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Product datasheet for RC208512L4V

ADAMTSL2 (NM_014694) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAMTSL2 (NM_014694) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAMTSL2
Synonyms:	ADAMTSL-2; GPHYSD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014694
ORF Size:	2853 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208512).
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_014694.3
RefSeq Size:	3740 bp
RefSeq ORF:	2856 bp
Locus ID:	9719
UniProt ID:	Q86TH1
Cytogenetics:	9q34.2
Domains:	tsp_1
Protein Families:	Secreted Protein

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MW: 104.6 kDa

Gene Summary: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) and ADAMTS-like 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 protein encoded by this gene lacks the protease domain, and is therefore of a member of the the ADAMTS-like protein subfamily. It is a secreted glycoprotein that binds the cell surface and extracellular matrix; it also interacts with latent transforming growth factor beta binding protein 1. Mutations in this gene have been associated with geleophysic dysplasia. [provided by RefSeq, Feb 2009]