Product datasheet for MR221125L3V

Adamts16 (NM_172053) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adamts16 (NM_172053) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adamts16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172053
ORF Size:	3666 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221125).
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_172053.2
RefSeq Size:	4986 bp
RefSeq ORF:	3669 bp
Locus ID:	271127
UniProt ID:	Q69Z28
Cytogenetics:	13 35.97 cM

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Gene Summary:
This gene encodes a member of "a disintegrin and metalloproteinase with thrombospondin motifs" (ADAMTS) family of multi-domain matrix-associated metalloendopeptidases that have diverse roles in tissue morphogenesis and pathophysiological remodeling, in inflammation and in vascular biology. This gene is co-expressed with the Wilms tumor protein, Wt1, in the developing glomeruli of embryonic kidneys. The encoded preproprotein undergoes proteolytic processing to generate an active enzyme. [provided by RefSeq, Jul 2016]