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Product datasheet for RC222453L3V

ADAM9 (NM_003816) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAM9 (NM_003816) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAM9
Synonyms:	CORD9; MCMP; MDC9; Mltng
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003816
ORF Size:	2457 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222453).`
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_003816.2
RefSeq Size:	4111 bp
RefSeq ORF:	2460 bp
Locus ID:	8754
UniProt ID:	Q13443
Cytogenetics:	8p11.22
Domains:	Reprolysin, DISIN, Pep_M12B_propep, ACR
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane

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MW: 90.56 kDa

Gene Summary: This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jul 2010]