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Product datasheet for MR221836L3V

Adam2 (NM_009618) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam2 (NM_009618) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam2
Synonyms:	AI323749; Ftn; Ftnb; Ph30-be; Ph30-beta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009618
ORF Size:	2205 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR221836).`
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_009618.2, NP_033748.2
RefSeq Size:	2551 bp
RefSeq ORF:	2208 bp
Locus ID:	11495
UniProt ID:	Q60718
Cytogenetics:	14 34.36 cM

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Gene Summary: This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. This gene is predominantly expressed in the epididymis, where the encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. Male mice lacking the encoded protein are infertile and exhibit multiple defects in reproduction. [provided by RefSeq, May 2016]