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Product datasheet for MR207150L4V

Adam15 (BC009132) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam15 (BC009132) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam15
Synonyms:	MDC15, metargidin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC009132
ORF Size:	1344 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR207150).`
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:	BC009132.1
RefSeq Size:	1704 bp
RefSeq ORF:	1346 bp
Locus ID:	11490
Cytogenetics:	3 39.07 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 prominently expressed in vascular cells, the endocardium, hypertrophic cells in developing bone, and specific areas of hippocampus and cerebellum. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. Mice lacking the encoded protein have increased bone mass resulting from osteoblast proliferation, and exhibit reduced neovascularization in a mouse model for retinopathy. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing. [provided by RefSeq, May 2016]