

Product datasheet for **MR210844L3V**

Adam17 (NM_009615) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam17 (NM_009615) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam17
Synonyms:	CD156b; Tac; Tace
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009615
ORF Size:	2484 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210844).
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_009615.5 , NP_033745.4
RefSeq Size:	4451 bp
RefSeq ORF:	2484 bp
Locus ID:	11491
UniProt ID:	Q9Z0F8
Cytogenetics:	12 8.3 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. The encoded preproprotein undergoes proteolytic processing to generate a mature enzyme that is involved in the proteolytic release of membrane-bound proteins in a process called ectodomain shedding. Mice lacking the encoded protein die in utero or fail to survive beyond one week of age. Alternative splicing results in multiple transcript variants encoding different isoforms, some of which may undergo similar processing. [provided by RefSeq, May 2016]