

Product datasheet for **MR210599L4V**

Adam11 (NM_001110778) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam11 (NM_001110778) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam11
Synonyms:	AW060611; Mdc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001110778
ORF Size:	2334 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210599).
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_001110778.1 , NP_001104248.1
RefSeq Size:	5129 bp
RefSeq ORF:	2337 bp
Locus ID:	11488
Cytogenetics:	11 66.48 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, functional protein. The protein encoded by this gene is believed to lack metalloproteinase activity due to the lack of a critical catalytic motif. Mice lacking the encoded protein exhibit defects in spatial learning, motor coordination and altered perception of pain. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing. [provided by RefSeq, May 2016]