Product datasheet for MR225285L2V

Adam12 (NM_007400) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adam12 (NM_007400) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adam12
Synonyms:	ADAM; Ml; Mltna
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_007400
ORF Size:	2709 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225285).
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_007400.2, NP_031426.2
RefSeq Size:	7675 bp
RefSeq ORF:	2712 bp
Locus ID:	11489
UniProt ID:	Q61824
Cytogenetics:	7 F3

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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 that localizes to the cell surface. About a third of the mice lacking the encoded protein die before weaning. Overexpression of the encoded protein in a mouse model of Duchenne muscular dystrophy alleviates the muscle pathology by preventing cell necrosis and inflammation. [provided by RefSeq, May 2016]