

## Product datasheet for **RC200642L2V**

### ADAM15 (NM\_003815) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAM15 (NM_003815) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAM15
Synonyms:	MDC15
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003815
ORF Size:	2442 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200642).
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. <a href="#">More info</a>
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:	<a href="#">NM_003815.3</a>
RefSeq Size:	2852 bp
RefSeq ORF:	2445 bp
Locus ID:	8751
UniProt ID:	<a href="#">Q13444</a>
Cytogenetics:	1q21.3
Domains:	Reprolysin, DISIN, Pep_M12B_propep, ACR
Protein Families:	Druggable Genome, Protease, Transmembrane



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**MW:** 87.7 kDa

**Gene Summary:** The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]