

Product datasheet for **RC231028L4V**

ADAM18 (NM_001190956) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAM18 (NM_001190956) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAM18
Synonyms:	ADAM27; tMDCIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001190956
ORF Size:	546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231028).
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_001190956.1
RefSeq ORF:	549 bp
Locus ID:	8749
UniProt ID:	Q9Y3Q7
Cytogenetics:	8p11.22
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	21.3 kDa



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Gene Summary:

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature sperm surface protein. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]