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Product datasheet for RC220941L4V

ADAM11 (NM_002390) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAM11 (NM_002390) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAM11
Synonyms:	MDC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002390
ORF Size:	2307 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220941).
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_002390.4
RefSeq Size:	4402 bp
RefSeq ORF:	2310 bp
Locus ID:	4185
UniProt ID:	O75078
Cytogenetics:	17q21.31
Protein Families:	Druggable Genome, Transmembrane
MW:	83.2 kDa

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Gene Summary: This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature protease. This gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]