

## Product datasheet for **RC200507L3V**

### Adrenomedullin (ADM) (NM\_001124) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Adrenomedullin (ADM) (NM_001124) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Adrenomedullin
Synonyms:	AM; PAMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001124
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200507).
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_001124.1</a>
RefSeq Size:	1606 bp
RefSeq ORF:	558 bp
Locus ID:	133
UniProt ID:	<a href="#">P35318</a>
Cytogenetics:	11p15.4
Domains:	Adrenomedullin
Protein Families:	Druggable Genome, Secreted Protein



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**MW:** 20.4 kDa

**Gene Summary:** The protein encoded by this gene is a prehormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vasodilation, regulation of hormone secretion, promotion of angiogenesis, and antimicrobial activity. The antimicrobial activity is antibacterial, as the peptide has been shown to kill *E. coli* and *S. aureus* at low concentration. [provided by RefSeq, Aug 2014]