

## Product datasheet for **RC229690L3V**

### Endothelin 1 (EDN1) (NM\_001168319) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Endothelin 1 (EDN1) (NM_001168319) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Endothelin 1
Synonyms:	ARCND3; ET1; HDLCQ7; PPET1; QME
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001168319
ORF Size:	636 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229690).
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_001168319.1</a> , <a href="#">NP_001161791.1</a>
RefSeq ORF:	636 bp
Locus ID:	1906
UniProt ID:	<a href="#">P05305</a>
Cytogenetics:	6p24.1
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Melanogenesis
MW:	24.8 kDa



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**Gene Summary:**

This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]