

## Product datasheet for **RC202173L1V**

### ESM1 (NM\_007036) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ESM1 (NM_007036) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ESM1
Synonyms:	endocan
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007036
ORF Size:	552 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202173).
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_007036.2</a>
RefSeq Size:	2089 bp
RefSeq ORF:	555 bp
Locus ID:	11082
UniProt ID:	<a href="#">Q9NQ30</a>
Cytogenetics:	5q11.2
Protein Families:	Druggable Genome, Secreted Protein
MW:	20.1 kDa



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**Gene Summary:**

This gene encodes a secreted protein which is mainly expressed in the endothelial cells in human lung and kidney tissues. The expression of this gene is regulated by cytokines, suggesting that it may play a role in endothelium-dependent pathological disorders. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]