

## Product datasheet for **RC211652L1V**

### CELSR1 (NM\_014246) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CELSR1 (NM_014246) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CELSR1
Synonyms:	ADGRC1; CDHF9; FMI2; HFMI2; LMPHM9; ME2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014246
ORF Size:	9042 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211652).
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_014246.4</a>
RefSeq Size:	11389 bp
RefSeq ORF:	9045 bp
Locus ID:	9620
UniProt ID:	<a href="#">Q9NYQ6</a>
Cytogenetics:	22q13.31
Protein Families:	Druggable Genome, Transmembrane
MW:	329.5 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. This particular member is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis. [provided by RefSeq, Jul 2008]