

Product datasheet for **RC211860L1V**

CELSR2 (NM_001408) Human Tagged ORF Clone Lentiviral Particle

Product data:

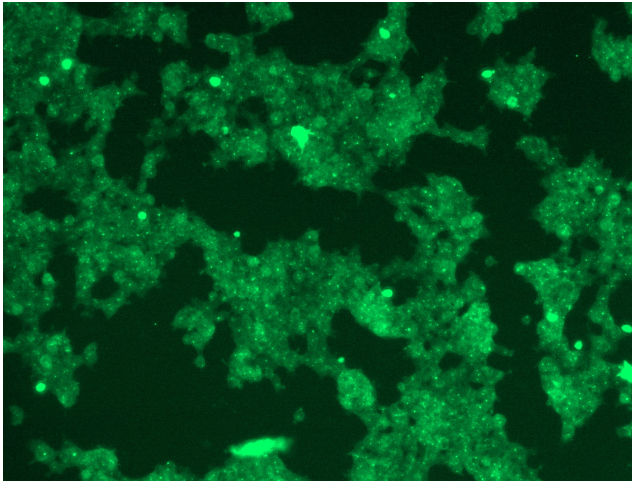
Product Type:	Lentiviral Particles
Product Name:	CELSR2 (NM_001408) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CELSR2
Synonyms:	ADGRC2; CDHF10; EGFL2; Flamingo1; MEGF3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001408
ORF Size:	8769 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211860).
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_001408.1 , NP_001399.1
RefSeq Size:	10531 bp
RefSeq ORF:	8772 bp
Locus ID:	1952
UniProt ID:	Q9HCU4
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	317.3 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. The specific function of this particular member has not been determined. [provided by RefSeq, Jul 2008]

Product images:

[RC211860L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC211860L1V particle to overexpress human CELSR2-Myc-DDK fusion protein.