

## Product datasheet for **RC203431L2V**

### **PVRL4 (NECTIN4) (NM\_030916) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | PVRL4 (NECTIN4) (NM_030916) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                             |
| Symbol:                   | PVRL4                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | EDSS1; LNIR; nectin-4; PRR4; PVRL4                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pLenti-C-mGFP (PS100071)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_030916                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 1530 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203431).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_030916.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:              | 3520 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 1533 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 81607                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q96NY8</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 1q23.3                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Domains:                  | ig, IGc2, IG                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Families:         | Druggable Genome, Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                    |



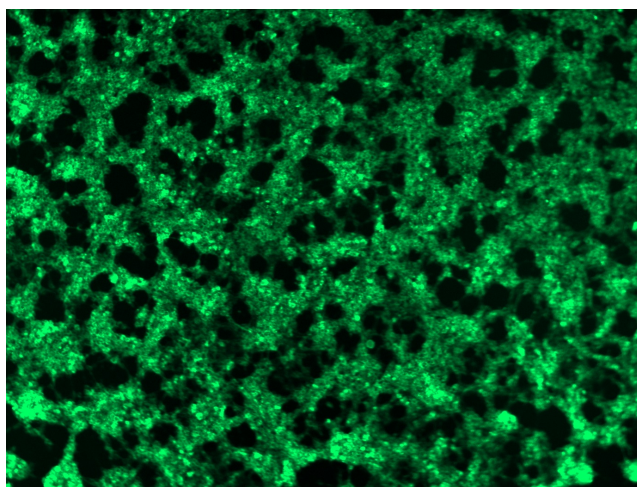
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**Protein Pathways:** Adherens junction

**MW:** 55.5 kDa

**Gene Summary:** This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.[provided by RefSeq, Jan 2011]

### Product images:



[RC203431L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203431L2V particle to overexpress human NECTIN4-mGFP fusion protein.