

Product datasheet for **RC210920L3V**

Claudin 17 (CLDN17) (NM_012131) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Claudin 17 (CLDN17) (NM_012131) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Claudin 17 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_012131 |
| ORF Size: | 672 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210920). |
| 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_012131.1 |
| RefSeq Size: | 731 bp |
| RefSeq ORF: | 675 bp |
| Locus ID: | 26285 |
| UniProt ID: | P56750 |
| Cytogenetics: | 21q21.3 |
| Protein Families: | Transmembrane |
| Protein Pathways: | Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction |
| MW: | 24.6 kDa |



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Gene Summary:

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is intronless and is clustered with CLDN8 on chromosome 21q22.11. [provided by RefSeq, Jun 2010]