

Product datasheet for **RC215296L3V**

KIRREL2 (NM_032123) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | KIRREL2 (NM_032123) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | KIRREL2 |
| Synonyms: | FILTRIN; NEPH3; NLG1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_032123 |
| ORF Size: | 1899 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC215296). |
| 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_032123.4 |
| RefSeq Size: | 2153 bp |
| RefSeq ORF: | 1902 bp |
| Locus ID: | 84063 |
| UniProt ID: | Q6UWL6 |
| Cytogenetics: | 19q13.12 |
| Protein Families: | Transmembrane |
| MW: | 66.9 kDa |



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Gene Summary:

This gene encodes a type I transmembrane protein and member of the immunoglobulin superfamily of cell adhesion molecules. The encoded protein localizes to adherens junctions in pancreatic beta cells and regulates insulin secretion. Autoantibodies against the encoded protein have been detected in serum from patients with type 1 diabetes. This gene may also play a role in glomerular development and decreased expression of this gene has been observed in human glomerular diseases. This gene and the related opposite-strand gene nephrin (GeneID: 527362) are regulated by a bidirectional promoter. [provided by RefSeq, Jul 2016]