

## Product datasheet for **RC222381L1V**

### **ANKS6 (NM\_173551) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | ANKS6 (NM_173551) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | ANKS6  |
| Synonyms:                 | ANKRD14; NPHP16; PKDR1; SAMD6  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_173551  |
| ORF Size:                 | 2613 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC222381).   |
| 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_173551.3</a>  |
| RefSeq Size:              | 7147 bp  |
| RefSeq ORF:               | 2616 bp  |
| Locus ID:                 | 203286   |
| UniProt ID:               | <a href="#">Q68DC2</a>   |
| Cytogenetics:             | 9q22.33  |
| MW:                       | 92.2 kDa   |



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**Gene Summary:**

This gene encodes a protein containing multiple ankyrin repeats and a SAM domain. It is thought that this protein may localize to the proximal region of the primary cilium, and may play a role in renal and cardiovascular development. Mutations in this gene have been shown to cause a form of nephronophthisis (NPHP16), a chronic tubulo-interstitial nephritis. [provided by RefSeq, Jul 2015]