

## Product datasheet for **RC218469L1V**

### **C14orf151 (INF2) (NM\_032714) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | C14orf151 (INF2) (NM_032714) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | C14orf151  |
| Synonyms:                 | C14orf151; C14orf173; CMTDIE; FSGS5; pp9484  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_032714  |
| ORF Size:                 | 702 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218469).   |
| 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_032714.1</a> , <a href="#">NP_116103.1</a>  |
| RefSeq Size:              | 1719 bp  |
| RefSeq ORF:               | 705 bp   |
| Locus ID:                 | 64423  |
| UniProt ID:               | <a href="#">Q27J81</a>   |
| Cytogenetics:             | 14q32.33   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 26 kDa   |



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**Gene Summary:**

This gene represents a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5.[provided by RefSeq, Aug 2010]