

## Product datasheet for **RC222095L3V**

### Septin 8 (SEPT8) (NM\_001098811) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Septin 8 (SEPT8) (NM_001098811) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Septin 8   |
| Synonyms:                 | SEP2; SEPT8  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001098811   |
| ORF Size:                 | 1449 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC222095).   |
| 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_001098811.1</a>   |
| RefSeq Size:              | 2889 bp  |
| RefSeq ORF:               | 1452 bp  |
| Locus ID:                 | 23176  |
| UniProt ID:               | <a href="#">Q92599</a>   |
| Cytogenetics:             | 5q31.1   |
| MW:                       | 55.6 kDa   |


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**Gene Summary:**

This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, *Drosophila*, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]