

## Product datasheet for **RC200011L2V**

### PSF2 (GINS2) (NM\_016095) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | PSF2 (GINS2) (NM_016095) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | PSF2   |
| Synonyms:                 | HSPC037; Pfs2; PSF2  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_016095  |
| ORF Size:                 | 555 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC200011).   |
| 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_016095.1</a>  |
| RefSeq Size:              | 1196 bp  |
| RefSeq ORF:               | 558 bp   |
| Locus ID:                 | 51659  |
| UniProt ID:               | <a href="#">Q9Y248</a>   |
| Cytogenetics:             | 16q24.1  |
| Domains:                  | DUF392   |
| Protein Families:         | Druggable Genome   |


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**MW:** 21.4 kDa

**Gene Summary:** The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1 (GINS1; MIM 610608), Psf2, and Psf3 (GINS3; MIM 610610). The formation of this complex is essential for the initiation of DNA replication in yeast and *Xenopus* egg extracts (Ueno et al., 2005 [PubMed 16287864]). See GINS1 for additional information about the GINS complex. [supplied by OMIM, Mar 2008]