

## Product datasheet for **RC205464L4V**

### PIWIL2 (NM\_018068) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | PIWIL2 (NM_018068) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | PIWIL2   |
| Synonyms:                 | CT80; HILI; mili; PIWIL1L  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_018068  |
| ORF Size:                 | 2919 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC205464).   |
| 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_018068.2</a>  |
| RefSeq Size:              | 3636 bp  |
| RefSeq ORF:               | 2922 bp  |
| Locus ID:                 | 55124  |
| UniProt ID:               | <a href="#">Q8TC59</a>   |
| Cytogenetics:             | 8p21.3   |
| Domains:                  | PAZ, Piwi  |
| Protein Pathways:         | Dorso-ventral axis formation   |



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**MW:** 109.8 kDa

**Gene Summary:** PIWIL2 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).[supplied by OMIM, Mar 2008]