

## Product datasheet for **RC226359L2V**

### PAN2 (NM\_001127460) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | PAN2 (NM_001127460) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                     |
| Symbol:                   | PAN2                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms:                 | USP52                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pLenti-C-mGFP (PS100071)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_001127460                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 3606 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC226359).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001127460.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:               | 3609 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 9924                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:               | <a href="#">Q504Q3</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 12q13.3                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Families:         | Protease                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MW:                       | 135.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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**Gene Summary:**

This gene encodes a deadenylase that functions as the catalytic subunit of the polyadenylate binding protein dependent poly(A) nuclease complex. The encoded protein is a magnesium dependent 3' to 5' exoribonuclease that is involved in the degradation of cytoplasmic mRNAs. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]