

## Product datasheet for **RC218574L3V**

### **BPY2 (BPY2C) (NM\_001002761) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | BPY2 (BPY2C) (NM_001002761) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | BPY2   |
| Synonyms:                 | VCY2C  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001002761   |
| ORF Size:                 | 318 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218574).   |
| 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_001002761.1</a> , <a href="#">NP_001002761.1</a>  |
| RefSeq Size:              | 1206 bp  |
| RefSeq ORF:               | 321 bp   |
| Locus ID:                 | 442868   |
| UniProt ID:               | <a href="#">O14599</a>   |
| Cytogenetics:             | Yq11.23  |
| MW:                       | 11.9 kDa   |



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**Gene Summary:**

This gene is located in the nonrecombining portion of the Y chromosome, and expressed specifically in testis. The encoded protein interacts with ubiquitin protein ligase E3A and may be involved in male germ cell development and male infertility. Three nearly identical copies of this gene exist on chromosome Y; two copies are part of a palindromic region. This record represents the more telomeric copy within the palindrome. [provided by RefSeq, Jul 2008]