

Product datasheet for **RC222300L4V**

BPY2 (NM_004678) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BPY2 (NM_004678) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BPY2
Synonyms:	BPY2A; VCY2; VCY2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004678
ORF Size:	318 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222300).
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. More info
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:	NM_004678.1 , NP_004669.1
RefSeq Size:	1212 bp
RefSeq ORF:	321 bp
Locus ID:	9083
UniProt ID:	O14599
Cytogenetics:	Yq11.223
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 copy outside of the palidromic region. [provided by RefSeq, Jul 2008]