

## Product datasheet for **RC225019L3V**

### **Bcl2 Binding component 3 (BBC3) (NM\_001127242) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Bcl2 Binding component 3 (BBC3) (NM_001127242) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Bcl2 Binding component 3
Synonyms:	JFY-1; JFY1; PUMA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001127242
ORF Size:	303 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225019).
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_001127242.2</a>
RefSeq Size:	1359 bp
RefSeq ORF:	306 bp
Locus ID:	27113
UniProt ID:	<a href="#">Q9BXH1</a>
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome



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**Protein Pathways:** Huntington's disease, p53 signaling pathway

**MW:** 10.3 kDa

**Gene Summary:** This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]