

Product datasheet for **RC225345L1V**

Bcl2 Binding component 3 (BBC3) (NM_001127240) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Bcl2 Binding component 3 (BBC3) (NM_001127240) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Bcl2 Binding component 3 |
| Synonyms: | JFY-1; JFY1; PUMA |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_001127240 |
| ORF Size: | 783 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC225345). |
| 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_001127240.1 |
| RefSeq ORF: | 786 bp |
| Locus ID: | 27113 |
| UniProt ID: | Q9BXH1 |
| Cytogenetics: | 19q13.32 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Huntington's disease, p53 signaling pathway |



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MW: 26.3 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]