

## Product datasheet for **RC205087L3V**

### **BNIP3 (NM\_004052) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BNIP3 (NM_004052) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BNIP3
Synonyms:	NIP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004052
ORF Size:	582 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205087).
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_004052.2</a> , <a href="#">NP_004043.2</a>
RefSeq Size:	1535 bp
RefSeq ORF:	585 bp
Locus ID:	664
UniProt ID:	<a href="#">Q12983</a>
Cytogenetics:	10q26.3
Protein Families:	Druggable Genome, Transmembrane
MW:	21.5 kDa



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**Gene Summary:**

This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation. [provided by RefSeq, Dec 2014]