

Product datasheet for RC205087L3

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BNIP3 (NM_004052) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BNIP3 (NM_004052) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: BNIP3

Synonyms: NIP3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205087).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_004052

ORF Size: 582 bp





BNIP3 (NM_004052) Human Tagged Lenti ORF Clone - RC205087L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 004052.2</u>, <u>NP 004043.2</u>

RefSeq Size:1535 bpRefSeq ORF:585 bpLocus ID:664

UniProt ID: Q12983

Cytogenetics: 10q26.3

Protein Families: Druggable Genome, Transmembrane

MW: 21.5 kDa

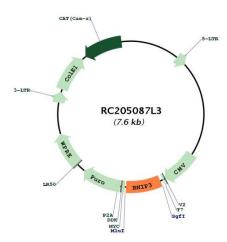
Gene Summary: This gene is encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-

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]



Product images:



Circular map for RC205087L3