

Product datasheet for RC224830L3

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OriGene Technologies, Inc.

BNIP1 (NM_013979) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BNIP1 (NM 013979) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: BNIP1

Synonyms: NIP1; SEC20; TRG-8

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(RC224830).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_013979

ORF Size: 813 bp





BNIP1 (NM_013979) Human Tagged Lenti ORF Clone - RC224830L3

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 013979.1</u>

RefSeq Size: 1247 bp

RefSeq ORF: 816 bp Locus ID: 662

UniProt ID: Q12981

Cytogenetics: 5q35.1

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

MW: 30.9 kDa

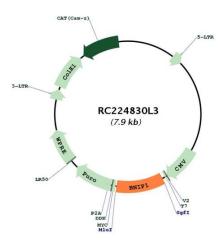
Gene Summary: This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It

interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. In addition, this protein is involved in vesicle transport into the endoplasmic reticulum. Alternative splicing of this gene results in four protein products with identical N-

and C-termini. [provided by RefSeq, Mar 2011]



Product images:



Circular map for RC224830L3