

Product datasheet for **RC224932L4V**

BNIP1 (NM_013978) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BNIP1 (NM_013978) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BNIP1
Synonyms:	NIP1; SEC20; TRG-8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013978
ORF Size:	582 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224932).
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_013978.1 , NP_053581.1
RefSeq Size:	722 bp
RefSeq ORF:	585 bp
Locus ID:	662
UniProt ID:	Q12981
Cytogenetics:	5q35.1
Domains:	Sec20
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: SNARE interactions in vesicular transport

MW: 22.2 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]