

Product datasheet for SC317566

BNIPL (NM_138278) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BNIPL (NM_138278) Human Untagged Clone
Tag:	Tag Free
Symbol:	BNIPL
Synonyms:	BNIP-S; BNIP-Salpha; BNIP-Sbeta; BNIPL-1; BNIPL-2; BNIPL1; BNIPL2; BNIPS; PP753
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317566 representing NM_138278. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGGAACATACAAGAGGCAGGAAAAAGACAGATGTTGGGGTCAGGGAGATTGCAGAAGCACCAGAA
 CTAGGAGCAGCCCTGAGACATGGGGAGTTGGAGCTGAAGGAGGAATGGCAGGATGAAGAATTCCTAGA
 TTGCTTCTGAGGAGCTGGCACTTCTGAAGATCCTGAAGACCCTAAAGGAGATTACAGGCAGCTGCA
 GGTACCCCAAGCACTTTAGCCCTGTGTGGCCAGCGCCCATGCGCAAGCGTCTTTCTGCCCAAGATTG
 CGGCTGAGTCTGACTAAGGGCCTGGAATGATGGAGCTTCAACCAACCAAGTCTGCACCTTCTCTCTCT
 GATGGCAGTTCTGACCTGGAGATAGACGAATTGGAGACACCTTCAGACTCGGAGCAGCTGGACAGTGA
 CATGAATTTGAATGGGAAGATGAATACCCGGGAGAGGGTCTGGGCACCAAGTGAAGACAGCTGAAAGG
 CTGGGCCGAGGTTGTATGTGGGATGTGACTGGAGAAGATGGACATCACTGGAGGGTGTTCGAATGGGA
 CCACGGGAGCAGCGCTAGACATGACTGTCTGATGAGCCCTATAAGAAAGTCTGTCTCATGGAGGTTAC
 CACGGTATGGCTCAATGCTGTCTCTTTTGTCTCTGTTATCTACCCAGAAGCAGCATCCCCAAC
 TACACCTATGTCATGGAACACTTGTAGGTATATGGTGGGAACCTGGAGCTGCTAGTAGCTGAAAT
 TACCTGCTTGTTCATTTGAGTGGAGGCACAAGCAGGGCCCAAGTCCACCTCTAAGCTGGATACGTCAG
 TGTTACCGTACCCTGGATCGGCGGCTACGAAAAACCTGCGAGCCCTGGTGGTTGTCATGCTACATGG
 TATGTGAAAGCATTCTGGCACTGCTTCGGCCCTTCATCAGTTCCAAATTCACACGAAAAATCCGTTTT
 CTGGACAGCCTGGGGGAGCTGGCCCAACTCATATCCCTGGATCAAGTCCACATCCCTGAAGCTGTGAGA
 CAGCTGGACCGGGATCTCCATGGCTCAGGAGGGACATAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_138278



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Insert Size:	1074 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_138278.3</u>
RefSeq Size:	2160 bp
RefSeq ORF:	1074 bp
Locus ID:	149428
UniProt ID:	<u>Q7Z465</u>
Cytogenetics:	1q21.3
Domains:	SEC14
MW:	39.7 kDa
Gene Summary:	The protein encoded by this gene interacts with several other proteins, such as BCL2, ARHGAP1, MIF and GFER. It may function as a bridge molecule between BCL2 and ARHGAP1/CDC42 in promoting cell death. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (1) encodes the longer isoform (a).