

Product datasheet for **SC108864**

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
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138278, the custom clone sequence may differ by one or more nucleotides

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ATGGGAActatacaagagcagGAAAAAGACAGATGTTGGGGTCAGGGAGATTGCAGAAGCACCAGAAC
TAGGAGCAGCCCTGAGACATGGGGAGTTGGAGCTGAAGGAGGAATGGCAGGATGAAGAATCCCTAGATT
GCTTCCTGAGGAGGCTGGCACTTCTGAAGATCCTGAAGACCCTAAAGGAGATTACAGGCAGCTGCAGGT
ACCCCCAGCACTTAGCCCTGTGTGGCCAGCGCCCATGCGCAAGCGTCTTTCTGCCCCAGAGTTGCGGC
TGAGTCTGACTAAGGGGCTGGAATGATGGAGCTTCACCCACCCAGTCTGCACCTTCCTCTCTGATGG
CAGTTCTGACCTGGAGATAGACGAATTGGAGACACCTTCAGACTCGGAGCAGCTGGACAGTGGACATGAA
TTTGAATGGGAAGATGAACTACCCCGGGCAGAGGGTCTGGGCACCAAGTGCAGACAGCTGAAAGGCTGGGCC
GAGGTTGTATGTGGGATGTGACTGGAGAAGATGGACATCACTGGAGGGTGTCCGAATGGGACCACGGGA
GCAGCGCGTAGACATGACTGTCATTGAGCCCTATAAGAAAGTCCTGTCTCATGGAGGTTACCACGGTGAT
GGCCTCAATGCTGTCATCCTTTTTGCTTCTGTTATCTACCCAGAAGCAGCATCCCCAACTACACCTATG
TCATGGAACTTGTAGGTATATGGTGGAACTCTGGAGCTGCTAGTAGCTGAAAATTACCTGCTTGT
TCATTTGAGTGGAGGCACAAGCAGGGCCCAAGTCCACCTTAAGCTGGATACGTCAGTGTACCGTACC
CTGGATCGGCGGCTACGGAAAACTGCGAGCCCTGGTGGTTGTCATGCTACATGGTATGTGAAAGCAT
TTCTGGCACTGCTTCGGCCCTTCATCAGTTCCAAATTCACACGAAAAATCCGTTTTCTGGACAGCCTGGG
GGAGCTGGCCCAACTCATATCCCTGGATCAAGTCCACATCCCTGAAGCTGTCAGACAGCTGGACCGGGAT
CTCCATGGCTCAGGAGGGACATAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138278 unedited
 TTCAAATTTTNTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCAGAAA
 AGAGTAAGGAAGTGTGGGGGCTGGGACAACCAGCTCCCCAACAACTCCTAGGTGTTAA
 AGAAGGAGGCAGGAAGACTTGTGAAGATGGGAACATACAAGAGGCAGGAAAAAGACAG
 ATGTTGGGGTCAAGGAGATTGCAGAAGCACCAGAACTAGGAGCAGCCCTGAGACATGGGG
 AGTTGGAGCTGAAGGAGGAATGGCAGGATGAAGAATCCCTAGATTGCTTCTGAGGAGG
 CTGGCACTTCTGAAGATCCTGAAGACCCATAAGGAGATTACAGGCAGCTGCAGGTACCC
 CCAGCACTTTAGCCCTGTGTGGCCAGCGCCCATGCGCAAGCGTCTTTCTGCCCCAGAGT
 TCGGGCTGAGTCTGACTAAGGGGCTGGAATGATGGAGCTTACCCACCCAGTCTGCAC
 CTTCTCTCTGATGGCAGTTCTGACCTGGAGATAGACGAATTGGAGACACCTTCAGACT
 CGGAGCAGCTGGACAGTGGACATGAATTTGAATGGGAAGATGAACTACCCGGGCAGAGG
 GTCTGGGCACCAGTGAGACAAGTAAAGGCTGGGCCGAGGTTGTATGTGGGATGTGACTG
 GAGAAGATGGACATCACTGGANGGTGTTCCGAATGGGACCACNGGAGCAGCGGTAGACA
 TGACTGTCATTGAGCCCTATAAGAAAGTCTGTCTCATGGAGGTTACCACNGTGTATGGCC
 TCAATGCTGTCATCTTTTTGCTTCTGTATCTACCCAGAAGCAGCATCCCCAACTACA
 CCTATGTCATGGAACACTTGNTTAGGTATATGTGTGGAACTCTGNAGCTGCTAGTANCT
 GAAAATTAAGTCTGTTTCAATTTGAGTGGAGCACAGCAGNCCCAAGTCCACTTTTAGC
 TGGATACGTCAGTGTACCGTAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_138278 unedited
 NANGATACAAGTTT
 TTTTGGGGCAAACTTAAATGGCTCATCCAGTTTATTAACCCCTACAGTTCTAAATTTA
 CTAAGAGAGGGGAAAAATCCGGGTTTGAAGAACTCCTTCCCAGGCTCACAGGGCGCAA
 CATGACTTAAAAAGAAAAAGGGCTACCGGGTCTTCAAATTTAAAGAGCTGACTCTC
 CCGGCTCCCAACAAGCAAGCTGGGTGGCAAGGAAACCCCTCCCTCCCAGGGGAAAGGT
 CACAGTCCCCCGTTTACCGGGGAAAATTAGGACCCAAAAGATGAAATTTTTTGCC
 CCAAGGTCTTCCGCTTAAGGAGGATTAACCCCAAACTCTGGCCCAACCCCGGGGCTCA
 CACCCGGAATCTCGGCACTTTGGGAGGCCAAGCGGGCCAATCACCAGGGCCAAAATCC
 AGACCCTCCTGGCCAACATGGGGAAACCCCGCTTCTAAAAATACAAACAATTTACT
 GGGCCTGGTGGCCTGCCCGTAGTCTCAACTACCCCGGAGGCTGAAGCAAAAAATGG
 CTTGAACCCGGAGGCGGAGGTTGCAATGAGCCAAATCCCCCCTGGACTCCAACCTGG
 GGAAGAACGAGACTCCGTCTCAAAAAACAAAAACAAAAACCCCGGAACCTGCCT
 ATCCCTACAAAAAGACCCCTACTTTAAGCCTTCCGTCACCAACTGGGATGAAATTC
 CCCCAGCAATTAATTTTCCCAACCTCAAAGCCCTGGCG

Restriction Sites:

NotI-NotI

ACCN:

NM_138278

Insert Size:

2250 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).

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: [NM_138278.1](#), [NP_612122.1](#)

RefSeq Size: 2160 bp

RefSeq ORF: 2160 bp

Locus ID: 149428

UniProt ID: [Q7Z465](#)

Cytogenetics: 1q21.3

Domains: SEC14

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).