

## Recombinant Human BNIPL Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** BNIPL-3057H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | BNIPL MS Standard C13 and N15-labeled recombinant protein (NP_612122) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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.                                                                                                                |
| <b>Molecular Mass</b>   | 39.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MGTIQEAGKKTDVGVREIAEAPELGAALRHGELELKEEWQDEEFPRLLPEEAGTSE<br>DPEDPKGDSQAAAGTPSTLALCGQRPMRKRLSAPELRLSLTKGPGNDGASPTQSA<br>PSSPDGSSDLEIDELETPSDSEQLD SGHEFEWEDEL PRAEGLGTSETAERLGRGCM<br>WDV TGEDGHHWRVFRMGPREQRVDMTVIEPYKKVLSHGGYHGDGLNAVILFASCY<br>LPRSSIPNYTYVMEHLFRYVMVGTLELLVAENYLLVHLSGGTSRAQVPPLSWIRQCYS<br>TLDRLRLKRLRALVVVHATWYVKAFLALLRPFISKFTRKIRFLDSL GELAQQLISLDQV<br>HIPEAVRQLDRDLHGSGGTTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                       |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

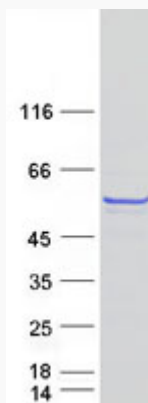
## GENE INFORMATION

|                        |                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BNIPL BCL2/adenovirus E1B 19kD interacting protein like [ Homo sapiens (human) ]                                                                                                             |
| <b>Official Symbol</b> | BNIPL                                                                                                                                                                                        |
| <b>Synonyms</b>        | BNIPL; BCL2/adenovirus E1B 19kD interacting protein like; bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein; BNIPI 1; BNIPL 2; PP753; BNIP-2 similar; BNIP-S; BNIPL-1; BNIPL-2; |
| <b>Gene ID</b>         | 149428                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_138278                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_612122                                                                                                                                                                                    |
| <b>MIM</b>             | 611275                                                                                                                                                                                       |
| <b>UniProt ID</b>      | Q7Z465                                                                                                                                                                                       |

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**SDS-PAGE**

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