# Bcl-2/Adenovirus E1B 19 Kda-Interacting Protein 2-Like Protein (BNIPL) Human Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein (BNIPL), Recombinant Protein |
| **Full Product Name** | Recombinant Human Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein (BNIPL) |
| **Product Gene Name** | BNIPL recombinant protein |
| **Product Synonym Gene Name** | BNIPL |
| **Sequence** | MGTIQEAGKK TDVGVREIAE APELGAALRH GELELKEEWQ DEEFPRLLPE EAGTSEDPED PKGDSQAAAG TPSTLALCGQ RPMRKRLSAP ELRLSLTKGP GNDGASPTQS APSSPDGSSD LEIDELETPS DSEQLDSGHE FEWEDELPRA EGLGTSETAE RLGRGCMWDV TGEDGHHWRV FRMGPREQRV DMTVIEPYKK VLSHGGYHGD GLNAVILFAS CYLPRSSIPN YTYVMEHLFR YMVGTLELLV AENYLLVHLS GGTSRAQVPP LSWIRQCYRT LDRRLRKNLR ALVVVHATWY VKAFLALLRP FISSKFTRKI RFLDSLGELA QLISLDQVHI PEAVRQLDRD LHGSGGT |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 22,908 Da |
| **Sequence Positions** | 1-357, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **OMIM** | 611275 |
| **3D Structure** | ModBase 3D Structure for Q7Z465 |
| **Species** | Human |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for BNIPL recombinant protein** | MBS1330010 is a recombinant protein targeting BNIPL. Also known as Recombinant Human Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein (BNIPL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of BNIPL recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BNIPL. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 228008343 |
| **NCBI GeneID** | 149428 |

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| **NCBI Accession #** | NP_001153114.1 |
| **UniProt Primary Accession #** | Q7Z465 |
| **UniProt Secondary Accession #** | Q6DK43; Q8TCY7; Q8WYG2 |
| **UniProt Related Accession #** | Q7Z465 |
| **GenBank Nucleotide #** | NM_001159642.1 |
| **NCBI Official Full Name** | bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein isoform b |
| **NCBI Official Synonym Full Names** | BCL2 interacting protein like |
| **NCBI Official Symbol** | BNIPL |
| **NCBI Official Synonym Symbols** | BNIPS; PP753; BNIP-S; BNIPL1; BNIPL2; BNIPL-1; BNIPL-2; BNIP-Sbeta; BNIP-Salpha |
| **UniProt Protein Name** | Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein |
| **Protein Family** | Bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein |
| **UniProt Gene Name** | BNIPL |
| **NCBI Protein Information** | bcl-2/adenovirus E1B 19 kDa-interacting protein 2-like protein |
| **NCBI Summary for BNIPL** | 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] |
| **UniProt Comments for BNIPL** | May be a bridge molecule between BCL2 and ARHGAP1/CDC42 in promoting cell death. |
| **Research Articles on BNIPL** | **1.** Observational study of gene-disease association. (HuGE Navigator) |
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