BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 (Bnip3) Recombinant Protein | Bnip3 recombinant protein

Recombinant Mouse BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 (Bnip3) , partial

CATALOG #	HOST
AAA114653	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 (Bnip3); Recombinant Mouse BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 (Bnip3); partial; Bnip3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-156aa; Partial
Sequence	MSQSGEENLQ GSWVELHFSN GNGSSVPASV SIYNGDMEKI LLDAQHESGR SSSKSSHCDS PPRSQTPQDT NRAEIDSHSF GEKNSTLSEE DYIERRREVE SILKKNSDWI WDWSSRPENI PPKEFLFKHP KRTATLSMRN TSVMKKGGIF SADFLK
Sequence Length	187
Species	Mus musculus (Mouse)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **or email to** for more details.
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.

IMAGES

SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Bnip3 recombinant protein	Apoptosis-inducing protein that can overcome BCL2 suppression. May play a role in repartitioning calcium between the two major intracellular calcium stores in association with BCL2. Involved in mitochondrial quality control via its interaction with SPATA18 MIEAP: in response to mitochondrial damage, participates in mitochondrial protein catabolic process (also named MALM) leading to the degradation of damaged proteins inside mitochondria. The physical interaction of SPATA18 MIEAP, BNIP3 and BNIP3L NIX at the mitochondrial outer membrane may play a critical role in the translocation of lysosomal proteins from the cytoplasm to the mitochondrial matrix. The physical interaction of SPATA18 MIEAP, BNIP3 and BNIP3L NIX at the mitochondrial outer membrane regulates the opening of a pore in the mitochondrial double membrane in order to mediate the translocation of lysosomal proteins from the cytoplasm to the mitochondrial matrix (By similarity). Plays an important role in the calprotectin (S100A8 A9)-induced cell death pathway
References	"Nix and Nip3 form a subfamily of pro-apoptotic mitochondrial proteins." Chen G., Cizeau J., Vande Velde C., Park J.H., Bozek G., Bolton J., Shi L., Dubik D., Greenberg A. J. Biol. Chem. 274:7-10(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753198
NCBI GeneID	12176
NCBI Accession #	NP_033890.1
NCBI GenBank Nucleotide #	NM_009760.4
UniProt Accession #	O55003; Q544Y4
Molecular Weight	21.6 kDa
NCBI Official Full Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
NCBI Official Synonym Full Names	BCL2/adenovirus E1B interacting protein 3
NCBI Official Symbol	Bnip3
NCBI Official Synonym Symbols	Nip3
NCBI Protein Information	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
UniProt Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3
UniProt Gene Name	**Bnip3**
UniProt Synonym Gene Names	Nip3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/bnip3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114653