

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



BNIP-3 (E96) Peptide

Cat No.: BS3545P

Background

BNIP3, formerly NIP3 (nineteen kDa interacting protein-3), is a pro-apoptotic, mitochondrial protein classified in the Bcl 2 family based on limited sequence homology to the Bcl 2 homology 3 (BH3) domain (amino acids 110-118) and C-terminal TM domain. BNIP3 expressed in yeast and mammalian cells interacts with survival promoting proteins Bcl 2, Bcl XL, CED9 and the adenovirus E1B 19K protein. BNIP3 represents a subfamily of Bcl 2 related proteins, which functions without a typical BH3 domain to regulate apoptosis from both mitochondrial and non-mitochondrial sites by selective Bcl 2/Bcl XL interactions.

Swiss-Prot

Q12983

Applications

Blocking

Specificity

This peptide can be used with studies using BS3545 BNIP-3 (E96) pAb.

Purification & Purity

Synthetic peptide BNIP-3 (E96). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.