

BNIP3L BH3 Domain Peptide
Synthetic Peptide
Catalog # SP1014a**Specification**

BNIP3L BH3 Domain Peptide - Product Information

Primary Accession	O9Z2F7
Other Accession	O60238
Sequence	GEKEVEALKKSADWVSDWSSR

BNIP3L BH3 Domain Peptide - Additional Information**Gene ID** 12177**Other Names**

BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like, NIP3-like protein X, NIP3L, Bnip3l, Nix

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BNIP3L BH3 Domain Peptide - Protein Information**Name** Bnip3l**Synonyms** Nix**Function**

Induces apoptosis. Interacts with viral and cellular anti-apoptosis proteins. Can overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. Inhibits apoptosis induced by BNIP3. 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 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). May function as a tumor suppressor (By similarity).

Cellular Location

Nucleus envelope. Endoplasmic reticulum. Mitochondrion outer membrane Membrane; Single-pass membrane protein Note=Colocalizes with SPATA18 at the mitochondrion outer membrane

BNIP3L BH3 Domain Peptide - Images