

**Puma BH3 Domain Peptide**  
**Synthetic Peptide**  
**Catalog # SP1021a**

## Specification

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### Puma BH3 Domain Peptide - Product Information

Primary Accession [Q80ZG6](#)  
Other Accession [Q9BXH1](#), [Q99ML1](#)  
Sequence [AREIGAQLRRMADDLNAQYER](#)

### Puma BH3 Domain Peptide - Additional Information

**Gene ID** 317673

#### Other Names

Bcl-2-binding component 3, p53 up-regulated modulator of apoptosis, Bbc3, Puma

#### 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.

### Puma BH3 Domain Peptide - Protein Information

**Name** Bbc3

**Synonyms** Puma

#### Function

Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis. Promotes partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53, releasing the bound p53/TP53 to induce apoptosis. Regulates ER stress-induced neuronal apoptosis.

#### Cellular Location

Mitochondrion. Note=Localized to the mitochondria in order to induce cytochrome c release.

### Puma BH3 Domain Peptide - Images

#### Puma BH3 Domain Peptide - Citations

- [B cell lymphoma-2 \(BCL-2\) homology domain 3 \(BH3\) mimetics demonstrate differential activities dependent upon the functional repertoire of pro- and anti-apoptotic BCL-2 family proteins.](#)

