

**PUMA BH3**  
**Synthetic Peptide**  
**Catalog # SP2201a****Specification**

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**PUMA BH3 - Product Information**Primary Accession  
Sequence[O9BXH1](#)  
NH2-EEQWAREIGAQLRRMADDLNAQYER-CO  
OH**PUMA BH3 - Additional Information****Gene ID** 27113**Other Names**

Bcl-2-binding component 3, JFY-1, 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 - Protein Information****Name** BBC3**Synonyms** PUMA**Function**

Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis (PubMed:<a href="http://www.uniprot.org/citations/11463391" target="\_blank">11463391</a>, PubMed:<a href="http://www.uniprot.org/citations/23340338" target="\_blank">23340338</a>). Promotes partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53, releasing the bound p53/TP53 to induce apoptosis (PubMed:<a href="http://www.uniprot.org/citations/23340338" target="\_blank">23340338</a>). Regulates ER stress-induced neuronal apoptosis (By similarity).

**Cellular Location**

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

**Tissue Location**

Ubiquitously expressed.

**PUMA BH3 - Images**

