

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

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.](#)

