

## BMF

### Synthetic Human Bcl2 Modifying Factor (aa 2-14)(NT) Blocking Peptide

**Catalog No.** PX225BP **Quantity:** 50 µg

**Alternate Names:** FLJ00065

**Description:** The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. This protein is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified.

**Gene ID:** 90427

**Application:** The peptide is used for blocking the antibody activity of Bmf. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

**Formulation:** It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH<sub>2</sub>PO<sub>4</sub>, 10 mM, Na<sub>2</sub>HPO<sub>4</sub>, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Sequence:** -EPSQCVEELEDV

**Storage & Stability:** Store at -20°C, stable for one year.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**