



# Human BMF blocking peptide (DAG-P1372)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Isoform 1 is mainly expressed in B-lymphoid cells. Isoform 2 and isoform 3 are mainly expressed in B-CLL and normal B-cells.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Belongs to the Bcl-2 family.
<b>Format</b>	Liquid
<b>Buffer</b>	PBS with 0.1% BSA 0.02% sodium azide pH7.2
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

## GENE INFORMATION

**Gene Name** [BMF Bcl2 modifying factor \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	BMF
<b>Synonyms</b>	BMF; Bcl2 modifying factor; bcl-2-modifying factor;
<b>Entrez Gene ID</b>	<a href="#">90427</a>
<b>mRNA Refseq</b>	<a href="#">NM_001003940.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001003940.1</a>
<b>UniProt ID</b>	Q96LC9
<b>Chromosome Location</b>	15q14
<b>Pathway</b>	Activation of BH3-only proteins, organism-specific biosystem; Activation of BMF and translocation to mitochondria, organism-specific biosystem; Androgen receptor signaling pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem; MicroRNAs in can
<b>Function</b>	protein binding;