

## Recombinant Human Bcl2 Modifying Factor, T7-tagged

Cat. No. BMF-412H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human BMF, fused to T7-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography, 15.6 kDa (144aa)
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Bcl2 modifying factor, also known as BMF belongs to the Bcl2 protein family of apoptosis mediators. Bmf is constitutively expressed in many tissues. This protein contains a single Bcl2 homology domain 3 (BH3), and has been shown to bind Bcl2 proteins and function as an apoptotic activator. Also, BMF is a key molecule for histone deacetylase (HDAC) inhibitors which alters the balance between acetylation and deacetylation, significantly increasing histone acetylation, while strongly inducing apoptosis in a variety of cancer cell types.
<b>Purity</b>	> 90% by SDS - PAGE
<b>Sequences of amino acids</b>	MASMTGGQQM GRGSHMEPSQ CVEELEDVVF QPEDGEPVTQ PGSLLSADLF AQSLLDCPLS RLQLFPLTHC CGPGLRPTSQ EDKATQTLSP ASPSQGVMLP CGVTEEPQRL FYAPAEPKSC VVADPPLPAQ PCFEWRREQE RGRP
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing, 1mM DTT, 10% glycerol

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Endotoxin Level** < 1.0 EU per 1 µg of protein (determined by LAL method )

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

**Gene Name** BMF Bcl2 modifying factor [ Homo sapiens ]

**Synonyms** BMF; Bcl2 modifying factor; FLJ00065; Bcl-2-modifying factor

**Gene ID** 90427

**mRNA Refseq** NM\_001003940

**Protein Refseq** NP\_001003940

**MIM** 606266

**UniProt ID** Q96LC9

**Chromosome Location** 15q14

**Pathway** Apoptosis

**Function** protein binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA