

Recombinant Human Bcl2 Modifying Factor, T7-tagged

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

SPECIFICATION

Product Overview	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)
Species	Human
Source	E.coli
Description	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.
Purity	> 90% by SDS - PAGE
Sequences of amino acids	MASMTGGQQM GRGSHMEPSQ CVEELEDVDF QPEDGEPVTQ PGSLLSADLF AQSLDCPLS RLQLFPLTHC CGPGLRPTSQ EDKATQTLSP ASPSQGVMLP CGVTEEPQRL FYAPAEPKSC VVADPPLPAQ PCFEWRREQE RGRP
Concentration	1 mg/ml (determined by Bradford assay)
Form	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing, 1mM DTT, 10% glycerol

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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

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