

Recombinant Human BMF, T7 -tagged

Cat. No. BMF-27487TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Bmf isoform 3 , with N terminal T7 tag, Predicted MWt 15.6 kDa.
Species	Human
Source	E.coli
Description	<p>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.</p>
Conjugation	T7
Tissue specificity	Isoform 1 is mainly expressed in B-lymphoid cells. Isoform 2 and isoform 3 are mainly expressed in B-CLL and normal B-cells.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MASMTGGQQM GRGSHMEPSQ CVEELEDVDF QPEDGEPVTQ PGSLLSADLF AQSLLDCPLS RLQLFPLTHC CGPGLRPTSQ EDKATQTLSP ASPSQGVMLP CGVTEEPQRL FYAPAEPKSC VVADPPLPAQ PCFEWRREQE RGRP
Sequence Similarities	Belongs to the Bcl-2 family.
Full Length	Full L.

GENE INFORMATION

Gene Name	BMF Bcl2 modifying factor [Homo sapiens]
Official Symbol	BMF
Synonyms	BMF; Bcl2 modifying factor; bcl-2-modifying factor; FLJ00065;
Gene ID	90427
mRNA Refseq	NM_033503
Protein Refseq	NP_277038
MIM	606266
Uniprot ID	Q96LC9

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Chromosome Location	15q14
Pathway	Activation of BH3-only proteins, organism-specific biosystem; Activation of BMF and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem;
Function	protein binding;

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