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## Datasheet for ABIN7317221

# **BMF Protein (His tag)**

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Quantity:	100 μg
Target:	BMF
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMF protein is labelled with His tag.

#### **Product Details**

Purpose:	Recombinant Human BMF/Bcl2 modifying factor Protein (His Tag)
Sequence:	Met 1-Arg184
Characteristics:	A DNA sequence encoding the mature form of human BMF (Q96LC9-1) (Met1-Arg184) was expressed with a polyhistide tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

#### Target Details

Target:	BMF	
Alternative Name:	BMF/Bcl2 modifying factor (BMF Products)	
Background:	Background: BMF(Bcl2 modifying factor) 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. BMF contains a single BCL2 homology domain 3	
	(BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. BMF	

#### **Target Details**

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.

Synonym: BMF

Molecular Weight:

22.3 kDa

#### **Application Details**

Restrictions:

For Research Use only

### Handling

Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from sterile 50 mM Tris, 0.1 % Brij35, pH 8.0	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.	
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted	
	samples are stable at < -20°C for 3 months.	