

## Product datasheet for **TP323634M**

### **BMF (NM\_033503) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human Bcl2 modifying factor (BMF), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC223634 representing NM_033503 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MEPSQCVEELEDVDFQPEDGEPVTQPGSLLSADLFAQSLLDCPLSRLQLFPLTHCCGPGLRPTSQEDKAT QTLSPASPSPGVMLPCGVTEEPQRLFYGNAGYRLPLPASFPVLPVIGEQPPEGQWQHQAQEVQIARKLQCI ADQFHRLHVQQHQQNQNRVWWQILLFLHNLALNGEENRNGAGPR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	20.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_277038</a>
<b>Locus ID:</b>	90427
<b>UniProt ID:</b>	<a href="#">Q96LC9</a>
<b>RefSeq Size:</b>	4551



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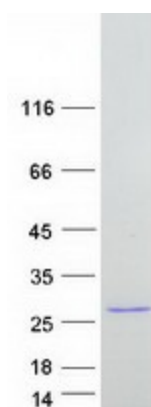
Cytogenetics: 15q15.1

RefSeq ORF: 552

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified BMF protein (Cat# [TP323634]). The protein was produced from HEK293T cells transfected with BMF cDNA clone (Cat# [RC223634]) using MegaTran 2.0 (Cat# [TT210002]).