

## Recombinant Full Length Mouse Bcl-2 Homologous Antagonist/Killer(Bak1) Protein, His tagged

**Cat. No.** RFL9990MF    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Bcl-2 Homologous Antagonist/Killer(Bak1) Protein with His tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Enables identical protein binding activity. Involved in cellular response to UV; positive regulation of apoptotic process; and release of cytochrome c from mitochondria. Acts upstream of or within several processes, including apoptotic process involved in blood vessel morphogenesis; apoptotic signaling pathway; and lymphocyte apoptotic process. Located in cytosol; endoplasmic reticulum; and mitochondrial outer membrane. Part of BAK complex. Is expressed in several structures, including alimentary system; brain; branchial arch; genitourinary system; and hemolymphoid system gland. Human ortholog(s) of this gene implicated in ataxia telangiectasia and cervix carcinoma. Orthologous to human BAK1 (BCL2 antagonist/killer 1).
<b>Form</b>	25 mM Tris-HCl, 250 mM NaCl and 10% glycerol, pH 7.3
<b>Molecular Mass</b>	25.6 kDa
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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**Storage** Store at -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Stable for at least 1 year from receipt of products under proper storage and handling conditions.

**Concentration** 0.17 mg/mL by Bradford

## GENE INFORMATION

**Gene Name** Bak1 BCL2-antagonist/killer 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** Bak1

**Synonyms** BAK1; BCL2-antagonist/killer 1; bcl-2 homologous antagonist/killer; apoptosis regulator BAK; Bcl2 homologous antagonist/killer; Bak; N-Bak; N-BAK1

**Gene ID** 12018

**mRNA Refseq** NM\_007523

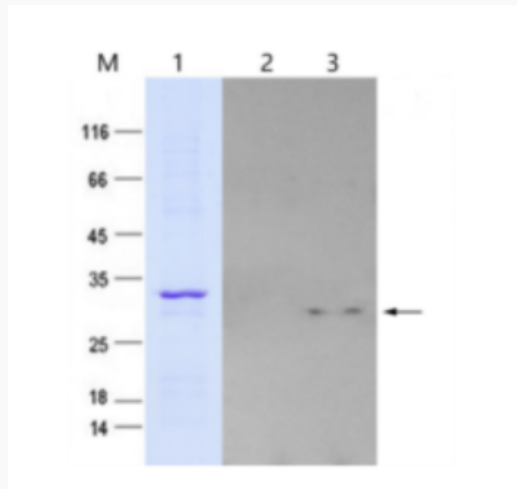
**Protein Refseq** NP\_031549

**UniProt ID** O08734

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**SDS-PAGE**

Lane 1. Purified recombinant Bak1 was analyzed by Tricine-SDS-PAGE 8-20% gel, run with Tris-Glycine running buffer. Lane 2. Negative control protein Lane 3. Bak1 protein analyzed by Western blot using His Mab

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