

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Bcl-2 Homologous Antagonist/Killer(Bak1) Protein with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	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).
Form	25 mM Tris-HCl, 250 mM NaCl and 10% glycerol, pH 7.3
Molecular Mass	25.6 kDa
Notes	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.
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Concentration	0.17 mg/mL by Bradford
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GENE INFORMATION

Gene Name	Bak1 BCL2-antagonist/killer 1 [Mus musculus (house mouse)]
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Official Symbol	Bak1
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Synonyms	BAK1; BCL2-antagonist/killer 1; bcl-2 homologous antagonist/killer; apoptosis regulator BAK; Bcl2 homologous antagonist/killer; Bak; N-Bak; N-BAK1
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Gene ID	12018
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mRNA Refseq	NM_007523
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Protein Refseq	NP_031549
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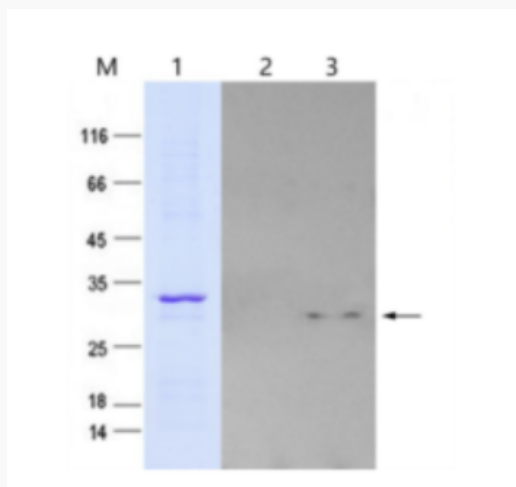
UniProt ID	O08734
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SDS-PAGE



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