

Recombinant Human BAK1 Protein, His tagged

Cat. No. BAK1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAK1 Protein (1-124 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-124 aa
Description	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.
AASequence	MHHHHHHHHHDYKDDDDKMASGQGPGPPRQECGEPALPSASEEQVAQDTEEVFRS YVFYRHQQEQEAEGVAAPADPEMVTLP LQPSSTMGQVGRQLAIIGDDINRRYDSEF QTMLQHLQPTAENAYEYFTKIATSLFESGIN
Molecular Mass	16 kDa
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4, 0.1% SKL

Concentration 0.24 mg/mL by BCA

GENE INFORMATION

Gene Name BAK1 BCL2-antagonist/killer 1 [Homo sapiens (human)]

Official Symbol BAK1

Synonyms BAK1; BCL2-antagonist/killer 1; CDN1; bcl-2 homologous antagonist/killer; BAK; BCL2L7; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK; BAK-LIKE; MGC3887; MGC117255;

Gene ID 578

mRNA Refseq NM_001188

Protein Refseq NP_001179

MIM 600516

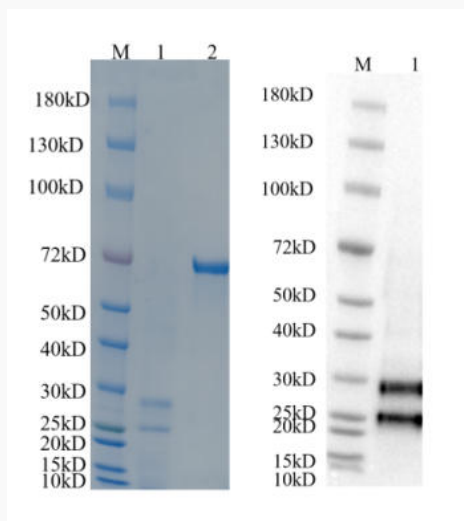
UniProt ID Q16611

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified BAK1. 1. BAK1: 1 μ g 2. BSA: 1 μ g

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