Recombinant Full Length Human BAK1 Protein, His-Tagged

Cat. No. RFL36987HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BAK1 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-211 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.
Form	25 mM Tris-HCl, 100 mM glycine, and 10% glycerol, pH 7.3
Molecular Mass	25.2 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.
Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 1 year

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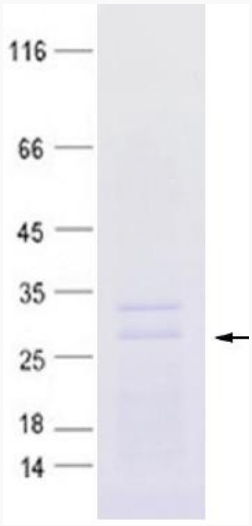
	from receipt of products under proper storage and handling conditions.
Concentration	0.11 mg/mL

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



Purified recombinant human BAK1 protein was analyzed by Tricine-SDS-PAGE 4-20% gel, run with Tris-Glycine running buffer.

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