

Recombinant Human BAK1 Protein, His tagged

Cat. No. BAK1-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAK1 Protein, Sourced from E.coli, Pro20-Asn124, with N-terminal His Tag.
Species	Human
Source	E.coli
ProteinLength	20-124 aa
Description	Bcl-2 homologous antagonist killer (BAK) protein is a pro-apoptotic member of the Bcl-2 protein family. In healthy cells, BAK exists in the mitochondria in an inactive state. Once activated by apoptotic signaling, BAK forms an oligomerized pore in the mitochondrial membrane allowing the release of proapoptotic factors into the cytosol leading to the dismantling of the cell.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	13.9 kDa
Purity	>99% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	2 years at -80 centigrade; 2 years at -20 or 4 centigrade Upon reconstitution: 2 years at -80 centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2

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years at -20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

Shipping Ambient

Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

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

Official Symbol BAK1

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

Gene ID 578

mRNA Refseq NM_001188

Protein Refseq NP_001179

MIM 600516

UniProt ID Q16611

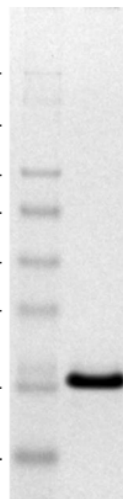
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SDS-PAGE

118kDa-
98kDa-
62kDa-
49kDa-
38kDa-
28kDa-
14kDa-
6kDa-



Human BAK (2µg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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