

Recombinant Full Length Human BAK1 Protein, GST tagged

Cat. No. BAK1-26166TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BAK1 full-length ORF (NP_001179.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
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.
Molecular Weight	49.8 kDa
AA Sequence	MASGQGPGPPRQECGEPALPSASEEQVAQDTEEVFRSYVFYRHQQEQEAEGVAA PADPEMVTLPQLPSSTMGQVGRQLAIIGDDINRRYDSEFQTMLQHLQPTAENAYEYF TKIATSLFESGINWGRVVALLGFGYRLALHVVYQHGLTGFLGQVTRFVVDFMLHHCIA RWIAQRGGWVAALNLGNGPILNVLVVLGVLLGQFVVRFFKS
Quality Control	12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Testing	
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

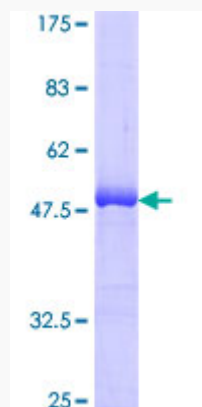
Gene Name	BAK1 BCL2 antagonist/killer 1 [Homo sapiens (human)]
Official Symbol	BAK1
Synonyms	BAK1; BCL2-antagonist/killer 1; CDN1; bcl-2 homologous antagonist/killer; BAK; BCL2L7; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK; BAK-LIKE; MGC3887; MGC117255
Gene ID	578
mRNA Refseq	NM_001188
Protein Refseq	NP_001179
MIM	600516
UniProt ID	Q16611

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SDS-PAGE



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