

## Recombinant Human BAK1 protein, His-tagged

Cat. No. BAK1-36H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human BAK1 protein(29-187 aa), fused with N-terminal His tag, was expressed in E.coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 29-187 aa  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>AASequence</b>       | QDTEEVFRSYVFYRHHQQEQEAEGVAAPADPEMVTLPPLQPSSTMGQVGRQLAIIIGDD<br>INRRYDSEFQTMLQLHQPTEAENAYEYFTKIATSLFESGINWGRVVALLGFGYRLALH<br>VYQHGLTGFLGQVTRFVDFMLHHCIARWIAQRGGWVAALNLGNP  |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments,  |

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it is recommended to add an equal volume of glycerol for long-term storage.

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | BAK1 BCL2-antagonist/killer 1 [ Homo sapiens ]  |
| <b>Official Symbol</b> | BAK1  |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 578   |
| <b>mRNA Refseq</b>     | NM_001188   |
| <b>Protein Refseq</b>  | NP_001179   |
| <b>MIM</b>             | 600516  |
| <b>UniProt ID</b>      | Q16611  |

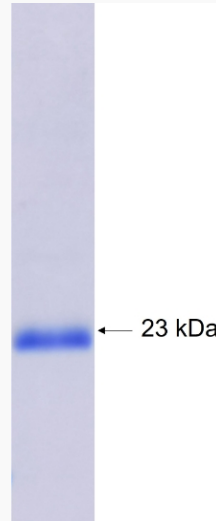
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SDS-PAGE



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