

Recombinant Human BNIP3 Protein, His-tagged

Cat. No. BNIP3-809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BNIP3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	20.6kD
AA Sequence	MNHKVHHHHHMSQNGAPGMQEESLQGSWVELHFSNNGNGGSPASVSIYNGD MEKILLDAQHESGRSSSKSSHCDSPPRSQTPQDTNRASETDTHSIGEKNSSQSEED DIERRKEVESILKKNSDWIWDWSSRPENIPPKEFLFKHPKRTATLSMRNTSVMKKGG IFSAEFLKVFLSRPAV
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

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recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	BNIP3 BCL2/adenovirus E1B 19kDa interacting protein 3 [Homo sapiens]
Official Symbol	BNIP3
Synonyms	BNIP3; BCL2/adenovirus E1B 19kDa interacting protein 3; BCL2/adenovirus E1B 19kD interacting protein 3; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3; Nip3; NIP3;
Gene ID	664
mRNA Refseq	NM_004052
Protein Refseq	NP_004043
MIM	603293
UniProt ID	Q12983

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