

# Recombinant Full Length Human BNIP3 Protein, GST-tagged

Cat. No. BNIP3-3759HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BNIP3 full-length ORF (NP_004043.2, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	194 amino acids
<b>Description</b>	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. This gene contains a BH3 domain and a transmembrane domain, which have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by this gene is known to induce apoptosis, even in the presence of BCL2.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	47.74 kDa
<b>AA Sequence</b>	MSQNGAPGMQEESLQGSWVELHFSNNGNGGSVPASVSIYNGDMEKILLDAQHESG RSSSKSSHCDSPPRSQTTPQDTNRASETDTHSIGEKNSSQSEEDDIERRKEVESILKK NSDWIWDWSSRPENIPPKEFLFKHPKRTATLSMRNTSVMKKGIFSAEFLKVFLPSL LLSHLLAIGLGIYIGRRLTTSTSTF

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

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

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