Recombinant Full Length Human BNIP3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BNIP3 full-length ORF (NP_004043.2, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	194 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	47.74 kDa
AA Sequence	MSQNGAPGMQEESLQGSWVELHFSNNGNGGSVPASVSIYNGDMEKILLDAQHESG RSSSKSSHCDSPPRSQTPQDTNRASETDTHSIGEKNSSQSEEDDIERRKEVESILKK NSDWIWDWSSRPENIPPKEFLFKHPKRTATLSMRNTSVMKKGGIFSAEFLKVFLPSL LLSHLLAIGLGIYIGRRLTTSTSTF

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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	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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