

Recombinant Human BNIP1, GST-tagged

Cat. No. BNIP1-10260H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BNIP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-228a.a.
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 protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. In addition, this protein is involved in vesicle transport into the endoplasmic reticulum. Alternative splicing of this gene results in four protein products with identical N- and C-termini.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name BNIP1 BCL2/adenovirus E1B 19kDa interacting protein 1 [Homo sapiens]

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Official Symbol	BNIP1
Synonyms	BNIP1; BCL2/adenovirus E1B 19kDa interacting protein 1; BCL2/adenovirus E1B 19kD interacting protein 1; vesicle transport protein SEC20; Nip1; SEC20; transformation-related gene 8 protein; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1; NIP1; TRG-8;
Gene ID	662
mRNA Refseq	NM_001205
Protein Refseq	NP_001196
MIM	603291
UniProt ID	Q12981
Chromosome Location	5q33-q34
Pathway	SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;
Function	protein binding;

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