

Recombinant Human BNIP3L 293 Cell Lysate

Cat. No. BNIP3L-8422HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP3L) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

BNIP3L BCL2/adenovirus E1B 19kDa interacting protein 3-like [Homo sapiens]

Official Symbol

BNIP3L

Synonyms

BNIP3L; BCL2/adenovirus E1B 19kDa interacting protein 3-like; BCL2/adenovirus E1B 19kD interacting protein 3 like; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like; BNIP3a; Nix; NIP3L; NIP3-like protein X; adenovirus E1B19k-binding protein B5; BCL2/adenovirus E1B 19-kd protein-interacting protein 3a; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A; NIX;

Gene ID

665

mRNA Refseq

NM_004331

Protein Refseq

NP_004322

MIM

605368

UniProt ID

O60238

**Chromosome
Location**

8p21

Pathway

Apoptosis, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem;

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Function

identical protein binding; lamin binding; lamin binding; protein binding; protein heterodimerization activity; protein homodimerization activity;

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