Recombinant Human BNIP3 protein, His-tagged

Cat. No. BNIP3-10262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BNIP3 protein(68-121 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	68-121 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	PRSQTPQDTNRASETDTHSIGEKNSSQSEEDDIERRKEVESILKKNSDWIWDWS
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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;
mRNA Refseq	NM_004052
Protein Refseq	NP_004043
MIM	603293
UniProt ID	Q12983
Gene ID	664

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SDS-PAGE



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