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BNIP1 Human

BCL2/Adenovirus E1B 19kDa Interacting Protein 1 Human Recombinant
RCP0226

Product Overview

Name	BNIP1 Human

Description

BCL2/Adenovirus E1B 19kDa Interacting Protein 1 Human Recombinant

Accession (Primary)	Q12981

Synonyms

BCL2/Adenovirus E1B 19kDa Interacting Protein 1, NIP1, BCL2/Adenovirus E1B 19 KDa Protein-Interacting Protein 1, Transformation-Related Gene 8 Protein, TRG-8, BCL2/Adenovirus E1B 19kD-Interacting Protein 1, Vesicle Transport Protein SEC20, SEC20L, SEC20, Vesicle transport protein SEC20.

Introduction

BNIP1 belongs to the of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. BNIP1 interacts with the E1B 19 kDa protein, which defends cells from virally-induced cell death. In addition, BNIP1 interacts with E1B 19 kDa-like sequences of BCL2 which is an additional apoptotic protector. Adding up, BNIP1 is implicated in vesicle transport into the endoplasmic reticulum. Alternative splicing results of BNIP1 in four protein products with identical N- and C-termini have been found.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

BNIP1 protein solution (1.0 mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MAAPQDV HVRICNQEIV KFDLEVKALI QDIRDCSGPL SALTELNTKV KEKFQQLRHR IQDLEQLAKE QDKESEKQLL LQEVENHKKQ MLSNQASWRK ANLTCKIAID NLEKAELLQG

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GDLLRQRKTT KESLAQTSST ITESLMGISR MMAQQVQQSE EAMQSLVTSS RTILDANEEF KSMSGTIQLG RKLITKYNRR EL.

Precautions

BNIP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q12981)